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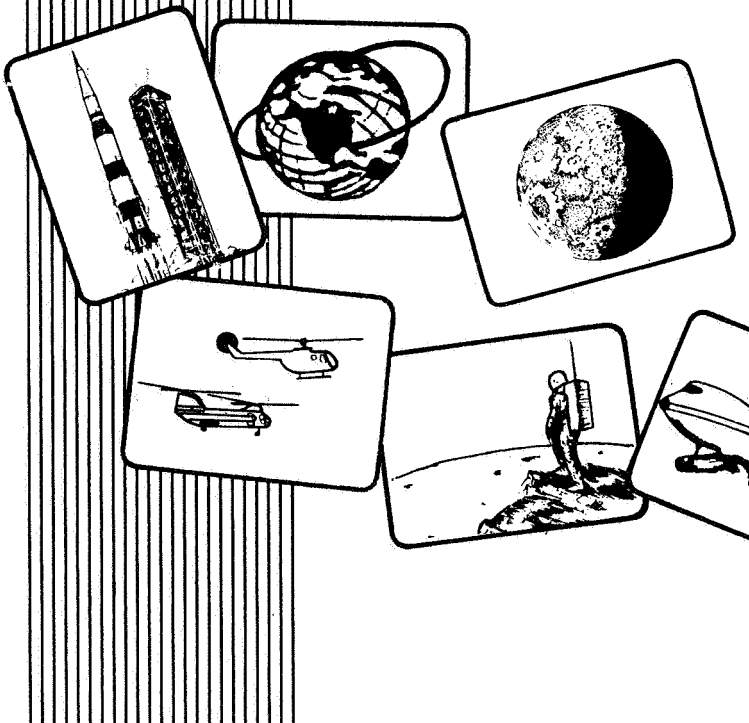

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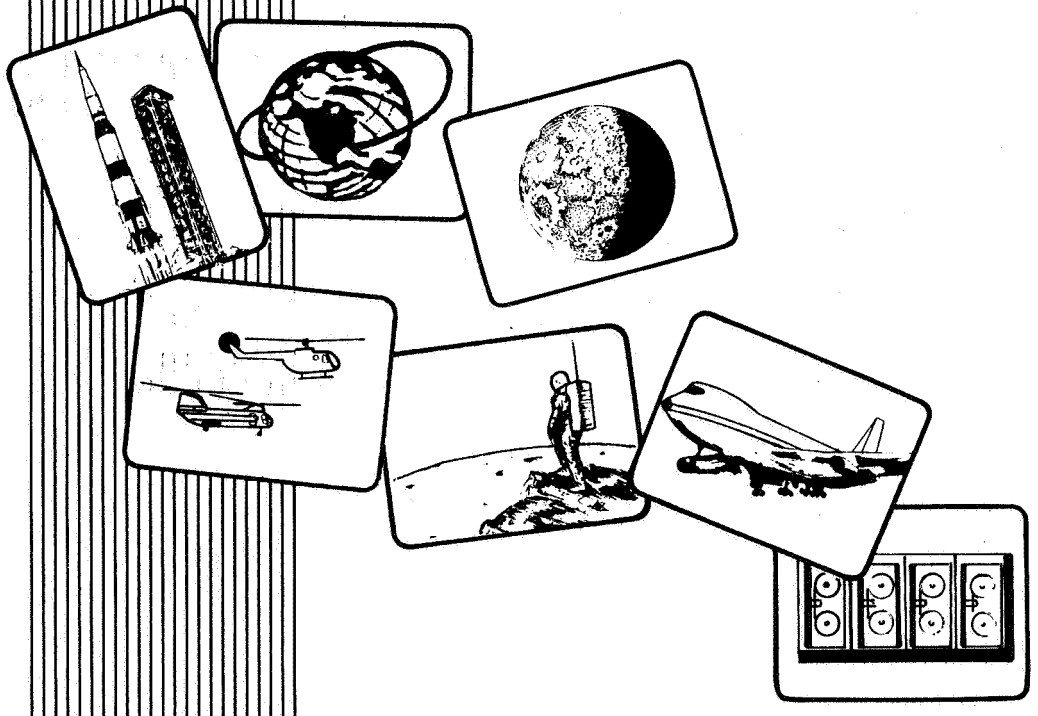

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TITLE LM-10 LUNAR LANDING LOADS ANALYSIS

MODEL NO.

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December 11, 1970

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ABSTRACT

This document presents design limit loads for use in the structural certification of the Lunar Module (LM-10) for lunar landing. It is prepared for the National Aeronautics and Space Administration by The Boeing Company in partial fulfillment of the requirements of Contract NAS 9-10364, Statement of Work Paragraph 12.3.

Dynamic responses, external dynamic loads on major mass items, and internal dynamic loads in critical structural members were calculated for randomly selected initial landing conditions. The dynamic loads were analyzed statistically to yield probabilities of exceedance for given confidence levels.

KEY WORDS

Lunar Landing
Lunar Module
LM-10
Monte Carlo Method
Probability of Exceedance
Statistical Loads Analysis
Three-dimensional Dynamic Response

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1.0 INTRODUCTION

The capability of the basic Lunar Module (LM) structure for the early Apollo missions was verified with the lunar landing loads calculated for LM-5. Changes to the LM structure and mass properties and the different characteristics of scheduled landing sites required new load analyses for Apollo 15 (LM-10) and subsequent missions. This document gives the loads calculated for structural evaluation of the LM-10 landing configuration. Lunar Roving Vehicle (LRV) loads calculated for lunar landing during this study have been reported previously and are not repeated herein. Loads presented include external forces and moments at the mass points of a structural model of LM-10 plus internal axial forces and shears in the structural members. Improved methods used in the LM-10 analysis are detailed in this report. The mathematical model of LM-10 is also described.

2.0 TECHNICAL APPROACH

Methods used to derive the LM dynamic landing loads given in this document are essentially the same as used in the previous LM-5 analysis detailed in Reference 1. Only the general approach is repeated here along with some specific analysis improvements.

Individual landing simulations were initiated with the LM at landing probe length above the lunar surface at specified initial orientation and velocities. These initial conditions were selected by a random number generator. Elastic characteristics of the LM structure were represented by a three-dimensional mathematical model generated by Grumman Aerospace Corporation (GAC). A detailed structural idealization of the Lunar Roving Vehicle (LRV) was included in the LM structural model. Dynamic acceleration response time histories were calculated at the mass locations (nodes) of the math model throughout the landing. Load time histories consisting of total dynamic forces and moments acting on the individual structural nodes (external loads) were obtained from the responses. These external loads included the reaction forces applied to the LM by the LRV at the LM/LRV attachment points, and the nonlinear forces applied by the upper diagonal straps in the descent stage. Loads in the structural elements between the mass points (internal loads) were computed from the external load time histories by means of a GAC "stress" matrix.

3.0 DESCRIPTIONS OF MATHEMATICAL MODEL

3.1 PHYSICAL DESCRIPTION OF LM-10

A composite view showing the general configuration of the LM and locating some of the mass points used in the LM-10 structural idealization is presented in Figure 3.1. The GAC body-fixed LM coordinate system is oriented differently from the body-fixed system used in the landing dynamics computer program. For convenience, all the geometry, mass, and structural data are presented in the GAC coordinate system.

3.1.1 Vehicle Geometry

Detailed illustrations of the GAC Big Spring IV mass point locations for the LM-10 structural model are presented in Figures 3.2 and 3.3 for the ascent stage and in Figures 3.4 and 3.5 for the descent stage. The corresponding mass-point coordinates, obtained from Reference 2, are listed in Table 3.1. Mass point locations for the Boeing generated model of the LRV are shown in Figure 3.6. Figure 3.7 shows the basic geometry of the LM used in the lunar landing analysis.

3.1.2 Mass and Inertia Data

The mass distribution used in the structural model was based on the GAC Big Spring IV mass and coordinate data transmitted in Reference 2. The basic Big Spring IV mass values were updated to reflect the current LM-10 total mass properties and nominal propellant weights as given by Reference 3. The weight of the landing gear was excluded from the LM-10 mass idealization since, during landing, the gear would be supported by the lunar surface. Total LM mass properties used in the analysis are listed in Table 3.2. Detailed mass and inertia data are presented in Reference 4.

3.1.3 Elastic Vibrational Modes

The frequencies, mode shapes, and generalized masses for the free-free LM-10 structural model were computed from the GAC Big Spring IV and the

3.1.3 Continued

preliminary LRV three-dimensional stiffness matrix and mass matrix. The combined stiffness matrix consists of 294 degrees of freedom, including rotational freedoms for the IMU and DPS engine. The dynamic characteristics used in the lunar landing analysis are given in Reference 4. The mode shapes and frequencies were calculated with the Householder eigenvalue routine described in Reference 5.

3.1.4 Force Transmission Properties of the Landing Gear and DPS Nozzle

The initial kinetic energy of lunar landing is dissipated through crushing of the landing gear honeycomb cartridges, bearing friction in the landing gear struts, and crushing of the descent-stage nozzle. These properties for LM-10 are the same as used in the previous analysis for LM-5 and are detailed in Section 3.1.4 of Reference 1.

3.1.5 DPS Engine Thrust Characteristics

During the time between initial probe contact and footpad touchdown, the LM free-fall motion is modified by the decaying DPS thrust. The thrust decay characteristics of the LM-10 DPS engine are the same as described in Section 3.1.5.1 of Reference 1. Thrust amplification of the DPS engine was not included in this analysis.

3.2 INITIAL CONDITIONS

Procedures used for Apollo lunar landing are described in Reference 1. The probability distributions assumed for the LM-10 lunar landing analysis were based on simulations conducted at MSC (Reference 6). These simulations, used for astronaut training, included guidance anomalies with some manual throttle landings. The state vectors at probe contact from the simulations were classified into nominal and severe cases by a preliminary screening procedure. Nominal cases were

3.2 Continued

those with insufficient kinetic energy to load a landing gear to the higher crush level. Severe cases, which are of primary interest in a design loads analysis, were those with sufficient energy to load at least one gear to the higher crush level. Based on the MSC simulations, the ratio of severe cases to nominal cases was 100 to 72. Thus, by the Monte Carlo sampling technique known as Russian Roulette (Reference 7), an effective sample size of 172 was obtained by calculating landings for the 100 severe cases of interest. The distributions of the initial conditions used for the LM-10 lunar landing analysis were determined from a statistical analysis of the state vectors for the severe cases. The pilot delay in shutting off the descent-stage engine was taken at the low range of the simulation data.

The probability distributions for the LM-10 initial conditions at probe contact are listed in Table 3.3. The three theoretical distributions assumed are normal, lognormal, and uniform. Table 3.4 describes the 100 sets of initial conditions with the parameters listed in Table 3.3.

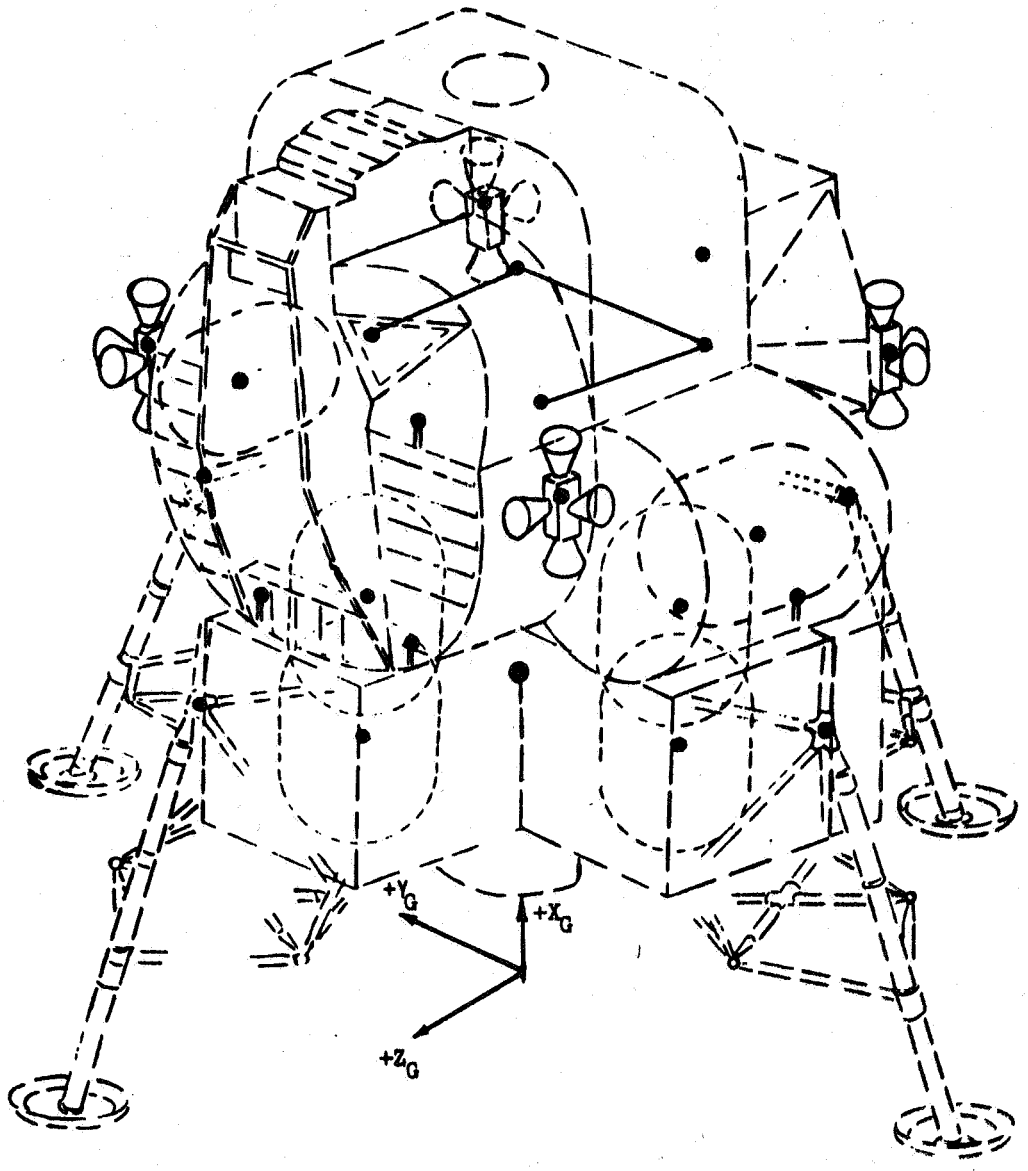
3.3 PHYSICAL DESCRIPTION OF LUNAR SURFACE

The idealized lunar surface used for the LM-10 analysis was based on a medium resolution elevation table generated by the MSC Mapping Sciences Laboratory for the Fra Mauro site. Unlike the similar elevation table used for the LM-5 analysis (Reference 1), the medium resolution elevation table described only the larger scale surface roughness. The necessary LM-scale roughness was generated by superimposing rocks and smaller craters on the basic Fra Mauro data. Reference 8 provides detailed descriptions of the mathematical operations involved in the lunar surface generation.

3.3 Continued

The resulting elevation table was divided into 100 local elevation tables centered around the randomly generated centroidal landing coordinates for use in the landing dynamics computer program of Reference 9. These local elevation tables and corresponding landing coordinates are given in Tables 3.5 through 3.104. The columns and rows of the local elevation tables are parallel, respectively, to the X and Y axis of the MSC gravity-surface inertial coordinate system (Reference 9). The spacing between the rows (ΔX) is 29.4 inches, and the spacing between the columns (ΔY) is 25.3 inches. The point elevations from the local tables were converted into a continuous surface by fitting a hyperbolic paraboloid through the elevations of four adjacent grid points as described in Reference 1.

FIGURE 3.1 LM-10 COMPOSITE VIEW



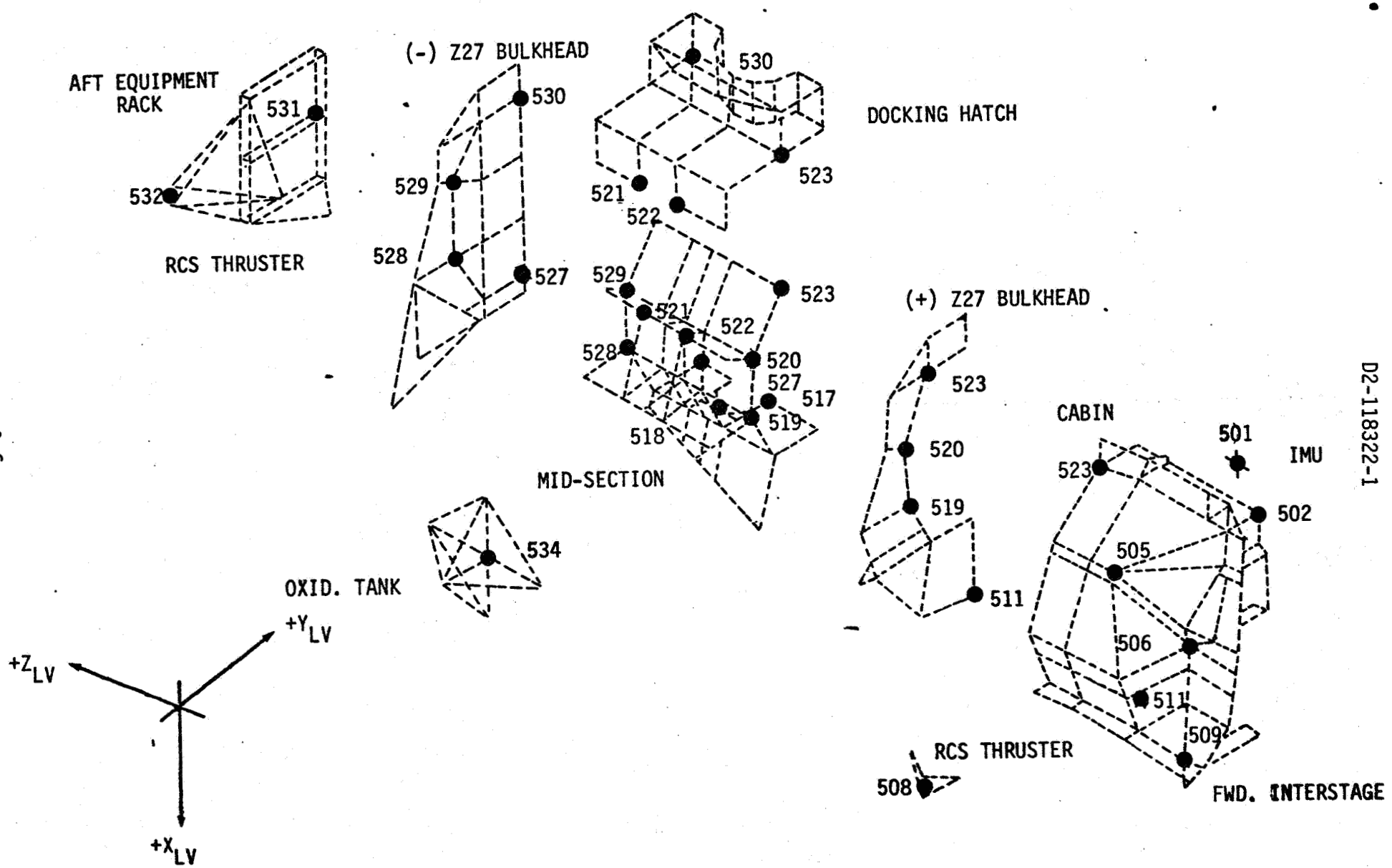


FIGURE 3.2 LM-10 ASCENT STAGE MASS POINT LOCATIONS - RIGHT SIDE

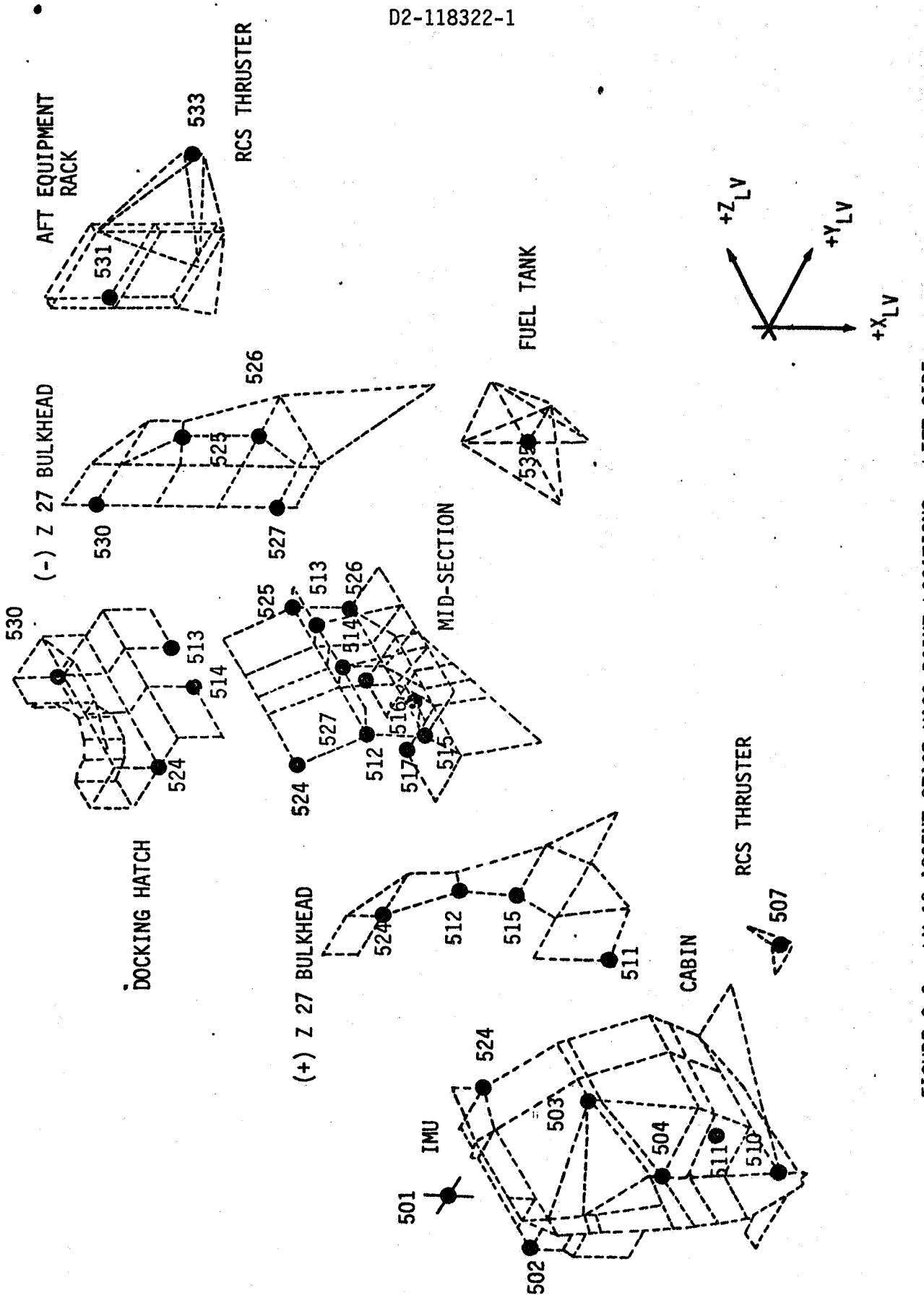


FIGURE 3.3 LM-10 ASCENT STAGE MASS POINT LOCATIONS - LEFT SIDE

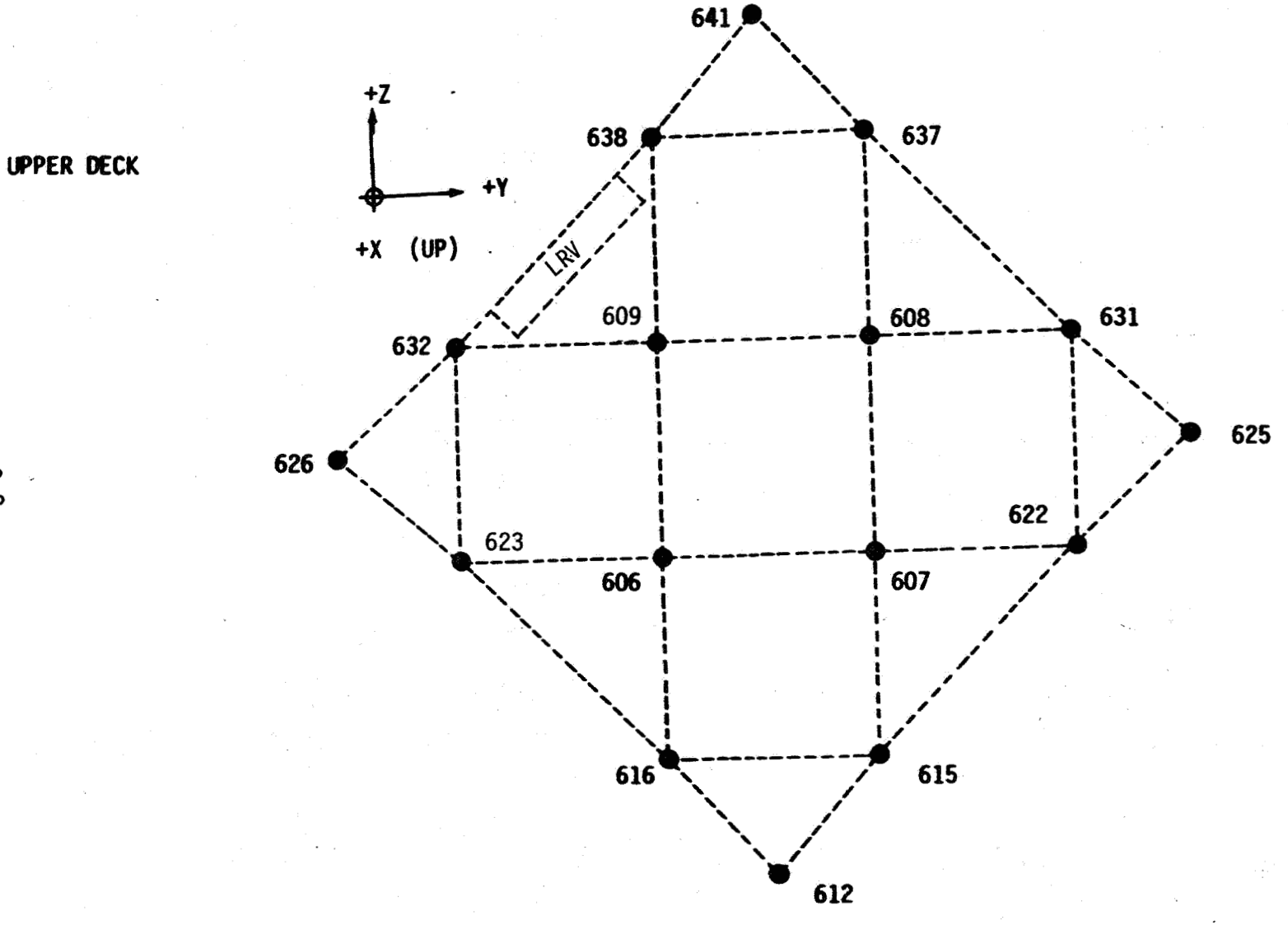


FIGURE 3.4 LM-10 DESCENT STAGE MASS POINT LOCATIONS - UPPER DECK

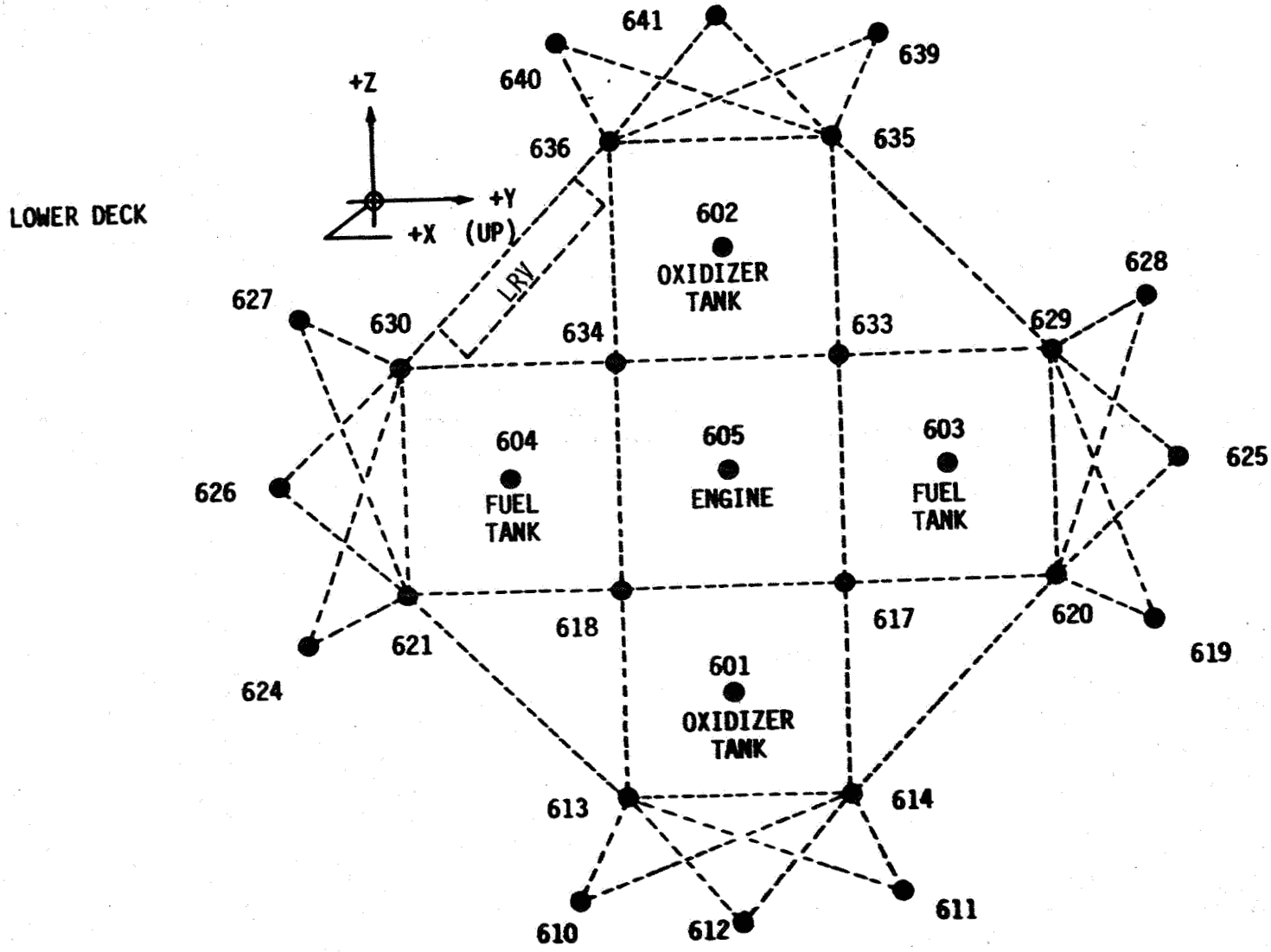


FIGURE 3.5 LM-10 DESCENT STAGE MASS POINT LOCATIONS - LOWER DECK

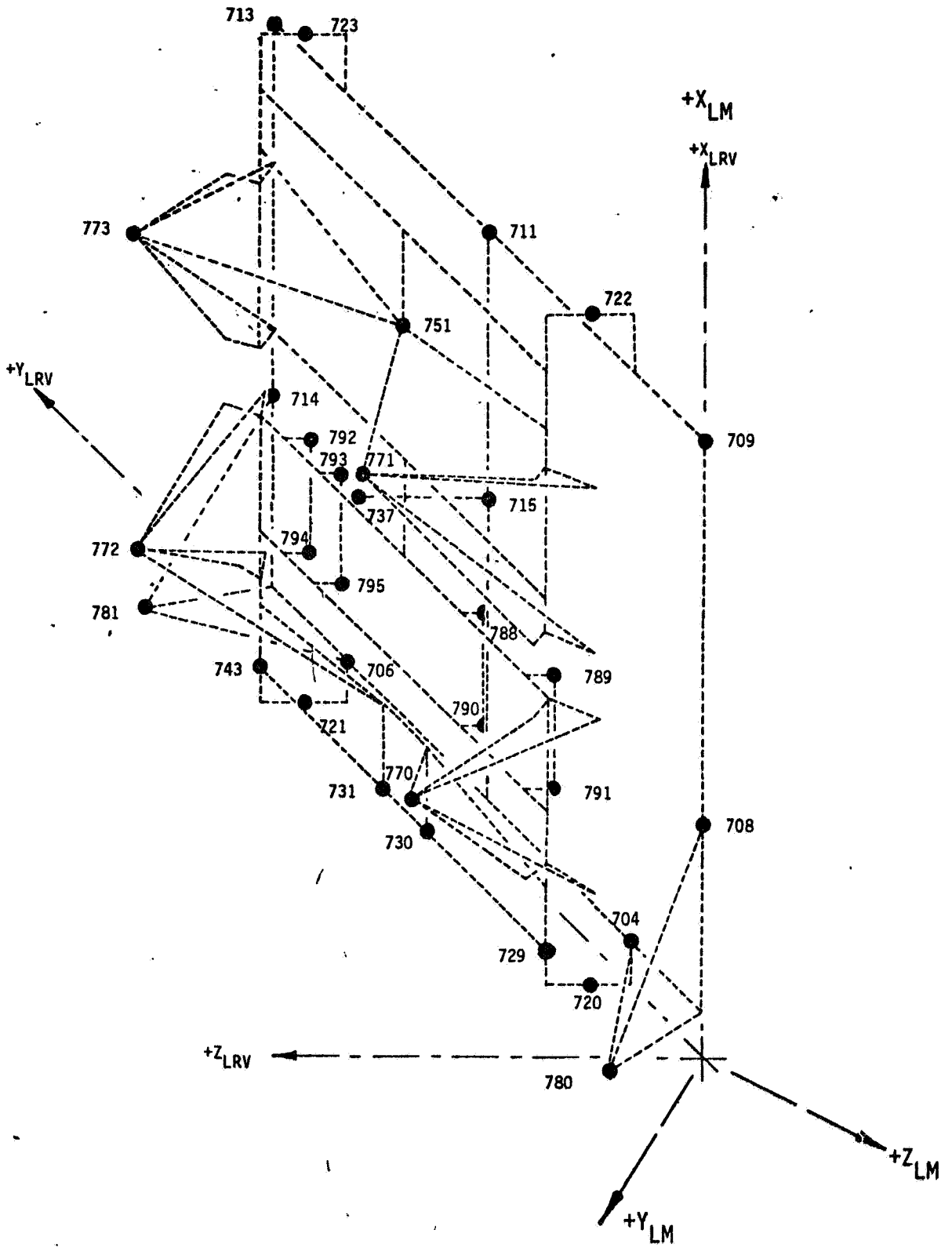


FIGURE 3.6 LRV MASS POINT LOCATIONS

FIGURE 3.7 LM-10 GEOMETRY

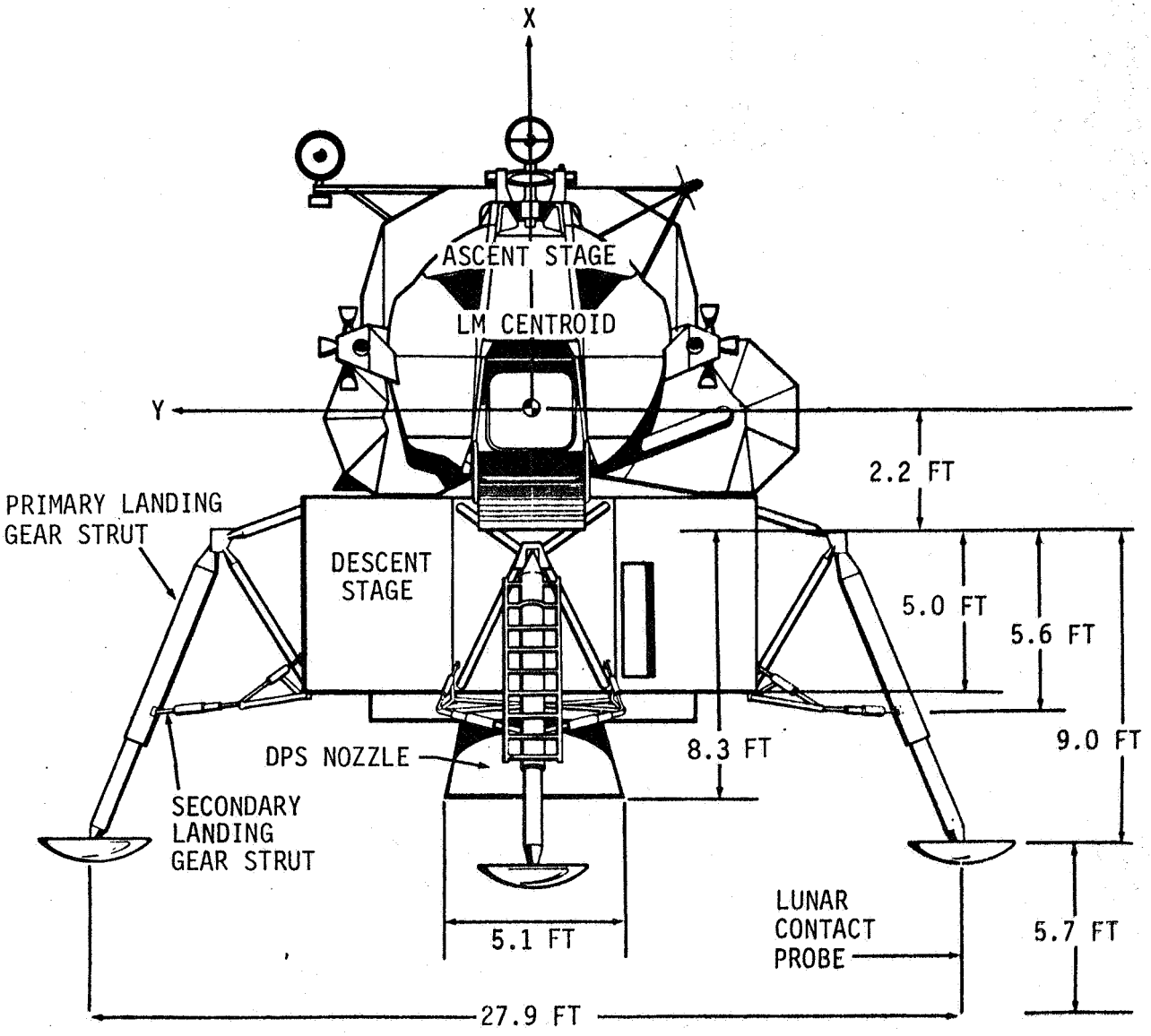


TABLE 3.1 LM-10 MASS POINT COORDINATES

NODE NO.	LM-10 COORDINATES ~ INCHES		
	X_G	Y_G	Z_G
501	303.9	0.0	55.109
502	296.297	0.0	78.887
503	280.0	-36.70	51.687
504	252.0	-17.42	64.557
505	280.0	36.70	51.687
506	252.0	17.42	64.557
507	253.75	-65.20	65.330
508	253.75	65.20	65.330
509	211.602	22.0	64.557
510	211.602	-22.0	64.557
511	205.94	0.0	27.0
512	277.14	-26.851	27.0
513	280.0	-36.70	-10.25
514	280.0	-36.70	10.25
515	253.5	-27.50	27.0
516	233.5	-10.5	-4.0
517	233.5	0.0	13.75
518	233.5	10.50	-4.0
519	253.5	27.50	27.0
520	277.14	26.851	27.0
521	280.0	36.70	-10.250
522	280.0	36.70	10.250
523	294.643	17.25	27.0
524	294.643	-17.25	27.0
525	277.140	-26.851	-27.0
526	253.50	-27.50	-27.0

TABLE 3.1 LM-10 MASS POINT COORDINATES (CONTINUED)

NODE NO.	LM-10 COORDINATES ~ INCHES		
	X_G	Y_G	Z_G
527	233.50	0.0	-27.0
528	253.50	27.50	-27.0
529	277.140	26.851	-27.0
530	294.643	0.0	-27.0
531	252.0	0.0	-63.50
532	253.75	65.2	-65.33
533	253.75	-65.2	-65.33
534	228.0	44.538	0.0
535	228.0	-71.260	0.0
601	158.5	0.0	-54.0
602	158.5	0.0	54.0
603	158.5	54.0	0.0
604	158.5	-54.0	0.0
605	154.0	0.0	0.0
606	196.0	-27.0	-27.0
607	196.0	27.0	-27.0
608	196.0	27.0	27.0
609	196.0	-27.0	27.0
610	125.7	-39.29	-111.63
611	125.7	39.29	-111.63
612	186.029	0.0	-116.514
613	131.14	-27.0	-81.0
614	131.14	27.0	-81.0
615	196.	27.0	-81.0
616	196.	-27.0	-81.0

TABLE 3.1 LM-10 MASS POINT COORDINATES (CONTINUED)

NODE NO.	LM-10 COORDINATES ~ INCHES		
	X_G	Y_G	Z_G
617	131.14	27.0	-27.0
618	131.14	-27.0	-27.0
619	125.7	111.63	-39.29
620	131.14	81.0	-27.0
621	131.14	-81.0	-27.0
622	196.0	81.0	-27.0
623	196.0	-81.0	-27.0
624	125.7	-111.63	-39.29
625	186.029	116.514	0.0
626	186.029	-116.514	0.0
627	125.7	-111.63	39.29
628	125.7	111.63	39.29
629	131.14	81.0	27.0
630	131.14	-81.0	27.0
631	196.0	81.0	27.0
632	196.0	-81.0	27.0
633	131.14	27.0	27.0
634	131.14	-27.0	27.0
635	131.14	27.0	81.0
636	131.14	-27.0	81.0
637	196.0	27.0	81.0
638	196.0	-27.0	81.0
639	125.7	39.29	111.63
640	125.7	-39.29	111.63
641	186.029	0.0	116.514

TABLE 3.1 LM-10 MASS POINT COORDINATES (CONTINUED)

NODE NO.	LM-10 COORDINATES ~ INCHES		
	X_G	Y_G	Z_G
704	136.486	-49.412	76.050
706	136.486	-74.515	50.947
708	153.356	-43.013	82.449
709	187.236	-43.013	82.449
711	187.236	-61.928	63.534
713	187.236	-80.843	44.619
714	153.356	-80.843	44.619
715	163.486	-61.928	63.534
720	132.736	-46.761	73.398
721	132.736	-71.863	48.296
722	190.736	-46.761	73.398
723	190.736	-71.863	48.296
729	135.826	-44.109	70.746
730	135.826	-54.815	60.041
731	135.826	-58.435	56.420
737	163.426	-53.089	54.695
743	135.826	-69.211	45.644
751	178.636	-56.625	58.231
770	147.596	-36.359	61.427
771	174.716	-36.359	61.427
772	147.596	-59.899	37.887
773	174.716	-59.899	37.887
780	133.016	-34.280	77.040
781	133.016	-75.434	35.886
788	158.226	-54.786	66.433
789	158.226	-49.200	72.019
790	148.216	-54.786	66.433
791	148.216	-49.200	72.019
792	158.226	-70.413	50.806
793	158.226	-64.827	56.392
794	148.216	-70.413	50.806
795	148.216	-64.827	56.392

TABLE 3.2 MASS PROPERTIES FOR NOMINAL LM LANDING WEIGHT

	LM-10 Math Model
Total Vehicle Mass (lbs sec^2/inch)	46.3716
$\bar{X}$ ~ in	212.331
$\bar{Y}$ ~ in	-.7477
$\bar{Z}$ ~ in	.4380
I_{XX} ~ lb·sec^2·in	173752.
I_{YY} ~ lb·sec^2·in	188398.
I_{ZZ} ~ lb·sec^2·in	199907.
I_{XY} ~ lb·sec^2·in	2217.09
I_{XZ} ~ lb·sec^2·in	8068.59
I_{YZ} ~ lb·sec^2·in	2006.22

TABLE 3.3 PROBABILITY DISTRIBUTIONS OF LM-10 INITIAL CONDITIONS
(BASED ON MSC LM LANDING SIMULATION STUDIES)

Variable	Units	Distribution
(VXHORZ) Lateral Velocity	inches/second	$N(\mu = 2, \sigma = 10)$
(VYHORZ) Forward Velocity	inches/second	$N(\mu = 55, \sigma = 23)$
(VVERT) Vertical Velocity	inches/second	$LN(\mu = -51, \sigma = 31)$
(PITCH) Euler Pitch Angle	radians	$N(\mu = .013, \sigma = .031)$
(ROLL) Euler Roll Angle	radians	$N(\mu = .001, \sigma = .040)$
(YAW) Euler Yaw Angle	radians	$U(0, 6.28)$
(VPITCH) Body Pitch Rate	rad/sec	$N(\mu = 0, \sigma = .002)$
(VROLL) Body Roll Rate	rad/sec	$N(\mu = 0, \sigma = .002)$
(VYAW) Body Yaw Rate	rad/sec	$N(\mu = 0, \sigma = .002)$
(TCUT) Pilot Delay Time	seconds	$U(.35, .45)$

TABLE 3.4 LM-10 LUNAR LANDING INITIAL CONDITIONS

CASE	1	2	3	4	5	6	7	8
VXHORZ	.54469+01	.15484+01	.70593+01	-.65894+01	.52805+01	-.17726+02	.83827+01	-.17475+02
VYHORZ	.55985+02	.53573+02	.72496+02	.89027+02	.36273+02	.80182+02	.60284+02	.56198+02
VVERT	-.80148+02	-.69941+02	-.22814+02	-.34327+02	-.33524+02	-.41842+02	-.49210+02	-.11899+03
PITCH	-.46873-02	.11205-01	.23894-01	-.19305-01	.11180-01	-.73151-02	.77628-01	-.36343-01
ROLL	-.28578-01	-.11263-01	.38326-01	-.18006-01	.83894-01	-.15963-01	.15503-01	-.31083-01
YAW	.25174+01	.40026+01	.60691+01	.48588+01	.56636+01	.40860+01	.48783+01	.31029+01
VPITCH	.25445-02	.11762-02	-.10337-02	.44665-02	-.27862-02	-.19464-02	-.13577-02	-.19338-03
VROLL	-.68952-03	-.17398-02	-.27259-02	-.70848-03	-.17198-02	-.13841-02	-.11870-02	-.25928-03
VYAW	.24445-02	.25917-02	.68457-03	.12255-02	-.36671-02	-.36690-03	-.89292-03	-.60290-03
TCUT	.44702+00	.42349+00	.44910+00	.38742+00	.44773+00	.38499+00	.39988+00	.43878+00

CASE	9	10	11	12	13	14	15	16
VXHORZ	-.25339+01	.93197+01	-.18514+02	-.14416+02	-.24043+02	.37671+01	-.17408+01	-.37828+01
VYHORZ	.12382+02	.14130+02	.38067+02	.32690+02	.20904+01	.52261+02	.49318+02	.21250+00
VVERT	-.37214+02	-.15028+02	-.45050+02	-.15137+02	-.19702+02	-.64693+02	-.42973+02	-.29594+02
PITCH	.42245-02	-.30720-01	.14371-01	-.20905-01	-.25577-01	.43375-01	.27243-01	-.13530-01
ROLL	-.65390-01	.20463-01	.11461+00	-.87837-03	-.41004-01	.98801-02	-.26997-01	-.58153-01
YAW	.29728+01	.52907+01	.11697+01	.34329+01	.26536+01	.48355+01	.12100-01	.62072+01
VPITCH	.11858-02	-.11147-03	-.20992-02	.20860-02	.22930-02	-.33829-02	.66195-03	.10162-02
VROLL	-.35931-02	.63554-03	.18046-02	-.47373-02	-.82649-03	-.41137-02	-.21108-02	.24728-04
VYAW	-.26935-02	-.58466-03	.37399-03	.98443-03	.34796-03	-.34908-02	.10237-02	.43064-03
TCUT	.39377+00	.40263+00	.44885+00	.36163+00	.41585+00	.43212+00	.37673+00	.36169+00

CASE	17	18	19	20	21	22	23	24
VXHORZ	.61982+01	-.93934+01	.20467+02	-.56575+01	-.27064+02	-.54320+01	-.32755+01	.12275+02
VYHORZ	.52735+02	.81511+02	.48752+02	.26011+02	.13392+03	.63664+02	.67740+02	.39862+02
VVERT	-.41417+02	-.11261+03	-.17336+02	-.49915+02	-.48785+02	-.11211+03	-.65133+02	-.48616+02
PITCH	.37596-01	-.18989-01	.30039-02	-.16514-01	.74958-02	-.46995-02	.30688-02	-.86532-03
ROLL	.11899-01	-.41783-02	.35820-01	-.24659-02	-.14403-01	.71735-01	.37836-01	.70721-01
YAW	.35489+00	.62192+01	.19436+00	.55049+01	.42853+01	.38048+00	.50519+00	.16845+01
VPITCH	.17769-02	.13955-02	-.16890-03	-.20778-02	-.11412-02	-.28157-04	.15770-02	.23663-03
VROLL	-.19870-02	-.29179-02	-.31852-02	-.16981-02	.22503-02	-.23867-02	.22219-02	-.31077-02
VYAW	.21468-02	.12099-02	.21461-02	-.13410-03	-.46014-02	.11522-02	.23676-02	.16902-02
TCUT	.44470+00	.42917+00	.36422+00	.44466+00	.41101+00	.44950+00	.39204+00	.41627+00

CASE	25	26	27	28	29	30	31	32
VXHORZ	-.17178+02	-.14681+02	.12445+02	.97069+01	.38467+01	.28386+01	-.95599+00	.29044+01
VYHORZ	.62611+02	.51908+02	.50009+02	.63257+02	.38390+02	.23839+02	.76207+02	.33108+02
VVERT	-.44234+02	-.17295+02	-.24092+02	-.30455+02	-.31193+02	-.46198+02	-.77414+02	-.38029+02
PITCH	.21007-02	.18758-01	.82177-02	.35753-01	.12327-02	.95665-02	.16159-01	.19344-01
ROLL	-.50469-01	.43571-01	-.43380-01	.46479-03	-.38633-01	-.29297-01	-.28031-01	.67882-02
YAW	.38138+01	.33782+01	.60134+01	.13850+01	.86891+00	.61511+01	.29477+01	.49650+01
VPITCH	-.19788-02	-.48443-02	-.11960-02	.90034-05	-.21666-02	.17038-02	.33451-02	.10007-02
VROLL	-.51173-04	-.26683-02	-.47721-02	.70172-03	-.19707-03	-.54197-03	-.52702-03	-.73331-03
VYAW	.12951-02	-.14731-02	-.10231-02	-.19737-03	-.13065-03	-.89205-03	.12666-02	-.39854-02
TCUT	.44551+00	.44881+00	.44090+00	.38222+00	.37891+00	.38283+00	.39152+00	.44823+00

TABLE 3.4 LM-10 LUNAR LANDING INITIAL CONDITIONS (CONTINUED)

CASE	33	34	35	36	37	38	39	40
VXHORZ	.29413+01	-.16300+01	.20179+02	.37432+01	-.14328+02	.69607+01	.35318+01	.15694+02
VYHORZ	.56962+02	.75770+02	.13120+02	.85940+02	.85492+02	.89125+02	.55804+02	.62790+02
VVERT	-.12199+02	-.65539+02	-.32741+02	-.68192+02	-.55525+02	-.11813+03	-.25719+02	-.25973+02
PITCH	.53999-01	-.17597-01	-.92671-02	.11015-01	-.30626-01	.13071-02	.40587-01	.44359-01
ROLL	-.23513-01	.70551-01	.18997-01	-.53821-02	-.10088-01	-.65075-01	.46386-02	-.33648-01
YAW	.36596+01	.59179+01	.26569+01	.22338+00	.15545+01	.61775+01	.39297+01	.78835-01
VPITCH	-.15778-02	-.16537-02	.38741-03	-.22437-03	.12493-02	-.98712-04	-.30367-02	.65242-03
VROLL	-.21239-02	-.15425-03	-.21569-02	.26266-02	.24201-02	.36328-03	-.16477-02	.21862-02
VYAW	.71136-03	.11210-02	-.22225-02	.15692-02	.26189-03	-.15012-02	-.91592-04	-.44914-03
TCUT	.44192+00	.40726+00	.42460+00	.42001+00	.36526+00	.37782+00	.42086+00	.40327+00

CASE	41	42	43	44	45	46	47	48
VXHORZ	.49912+01	-.26482+01	-.63677+01	-.92422+00	.15873+00	-.15409+02	.13166+01	.20512+02
VYHORZ	.58931+02	.21651+02	.96377+02	.79127+02	.11514+03	.84136+02	.66976+02	.71426+02
VVERT	-.35403+02	-.45631+02	-.11901+03	-.41089+02	-.23676+02	-.61552+02	-.30269+02	-.36871+02
PITCH	.16093-01	-.41170-01	-.28456-01	.37817-01	.79375-02	-.49371-02	.24894-01	.12533-01
ROLL	.49133-02	.57490-01	-.12009-02	.15875-01	-.66984-02	-.19404-01	.69819-02	-.95542-01
YAW	.27625+01	.41485+01	.55550+01	.48902+01	.29323+01	.33298+01	.41513-01	.24561+01
VPITCH	.62928-04	.45359-02	.23978-02	.11370-03	-.14966-02	-.10811-02	.23693-02	-.40255-03
VROLL	-.27682-02	-.13163-02	-.53965-03	.19882-02	-.32777-02	.19758-02	.25215-02	.25307-02
VYAW	-.85330-03	.27272-02	-.23287-03	-.10224-02	.10331-02	-.23287-03	.48926-03	-.19828-02
TCUT	.37963+00	.35022+00	.36102+00	.40373+00	.41575+00	.38017+00	.42578+00	.42710+00

CASE	49	50	51	52	53	54	55	56
VXHORZ	.10434+02	.37267+01	.14267+02	-.28331+01	.87695+01	-.45038+01	-.28874+01	-.73550+01
VYHORZ	.71221+02	.51693+02	.49297+02	.50383+02	.60313+02	.59501+02	.78688+02	.52200+02
VVERT	-.19597+02	-.80453+02	-.51105+02	-.69492+02	-.27328+02	-.27361+02	-.46973+02	-.41192+02
PITCH	.10980-01	-.46926-02	-.32997-02	.11440-01	-.25140-01	.26368-02	.12702-01	-.39083-01
ROLL	.44729-01	.89439-01	-.79859-01	-.21401-01	.63620-01	.16582-01	.11695-01	-.31096-01
YAW	.39926+01	.94015+00	.50180+01	.56955+01	.15924+01	.47827+00	.43315+00	.24071+01
VPITCH	.77213-03	.17421-02	.13465-02	.33017-02	-.10911-02	.11496-02	.22959-02	-.66506-03
VROLL	-.81725-03	.15869-02	.99907-03	.17999-02	-.57462-03	.10638-03	.66194-02	.89305-03
VYAW	-.12154-02	-.25282-02	.10058-02	.11911-02	.27383-03	.73650-03	.81657-03	.12615-02
TCUT	.40433+00	.42338+00	.39587+00	.37910+00	.37609+00	.43558+00	.35178+00	.36542+00

CASE	57	58	59	60	61	62	63	64
VXHORZ	-.10524+02	.86489+01	-.75475+01	-.18753+02	.53099+01	-.15902+02	-.59887+01	.28829+01
VYHORZ	.66963+02	.46470+02	.11480+02	.65316+02	.68379+02	.60653+02	.96212+02	.77968+02
VVERT	-.50641+02	-.23201+02	-.55390+02	-.27240+02	-.32525+02	-.10603+03	-.42692+02	-.83335+02
PITCH	-.65887-02	.44142-01	-.53112-01	-.21971-01	.18136-01	.57067-01	-.19810-01	.36339-01
ROLL	.51087-01	.18890-01	-.26036-01	-.52476-01	-.33792-01	-.25839-01	-.54306-01	-.51811-02
YAW	.39402+01	.59430+01	.39158+01	.55096+01	.40499+00	.49297+00	.16948+01	.28018+01
VPITCH	.12890-02	-.44526-02	.86060-03	-.22991-02	.56908-04	.11720-02	-.37985-03	-.93318-04
VROLL	-.32537-02	-.21804-02	.21870-02	-.20765-03	.20876-02	.28792-02	.14819-02	.82629-03
VYAW	.21860-02	.12129-02	-.16803-02	-.16388-02	-.29965-03	.24239-02	.13881-02	.18090-02
TCUT	.36174+00	.37247+00	.37484+00	.39180+00	.39199+00	.38976+00	.44515+00	.36393+00

TABLE 3.4 LM-10 LUNAR LANDING INITIAL CONDITIONS (CONTINUED)

CASE	65	66	67	68	69	70	71	72
VXHORZ	-.73732+01	.21583+01	.15858+02	-.11198+02	.19145+02	.62748+01	-.19186+02	.17772+02
VYHORZ	.66416+02	.70142+02	.58568+02	.45642+02	.28751+02	.74374+02	.65195+02	.66489+02
VVERT	-.37315+02	-.88220+02	-.48697+02	-.26615+02	-.95244+02	-.32594+02	-.44703+02	-.17498+02
PITCH	-.58155-03	-.17138-01	.34938-01	.18694-01	-.11123-02	.23987-01	-.22682-01	-.93215-02
ROLL	-.66901-01	-.22969-01	.28044-01	-.20113-01	.76474-01	.48807-01	-.93347-02	.23947-01
YAW	.54753+01	.16871+01	.51188+01	.92250+00	.22402+01	.62491+01	.41667+00	.23046+00
VPITCH	.17531-02	.40828-02	.14354-02	.18583-02	-.36155-02	.92419-03	-.36567-03	.42879-02
VROLL	.72031-03	-.67057-03	.18154-03	.93014-03	.45498-02	-.89124-03	-.16165-02	-.26173-03
VYAW	-.22402-02	-.37788-02	-.23006-03	-.76571-03	-.23106-02	-.15431-02	.11054-02	.89442-03
TCUT	.39755+00	.44316+00	.44364+00	.38754+00	.40914+00	.38840+00	.35101+00	.36834+00

CASE	73	74	75	76	77	78	79	80
VXHORZ	-.79160+01	.30720+01	-.87077+01	.16876+01	.19127+02	-.71325+01	-.16602+02	.15596+02
VYHORZ	.15053+02	.98651+02	.22785+02	.62299+02	.79176+02	.49609+02	.41295+02	.53339+02
VVERT	-.93781+02	-.45380+02	-.79932+02	-.26765+02	-.90116+02	-.78096+02	-.21426+02	-.42426+02
PITCH	.62024-01	.71341-02	.17610-01	-.11347-01	-.44851-02	-.67324-02	.12585-01	.21975-02
ROLL	.23293-01	-.16379-01	.25943-01	.36093-01	-.11150-01	.10883-01	-.19240-01	.24965-01
YAW	.51882+01	.51027+01	.52171+01	.10845+01	.36882+01	.17618+01	.57489+01	.38433+01
VPITCH	-.10955-02	.21232-02	.17478-02	.27589-03	.28046-02	-.21920-02	-.11685-02	-.33248-03
VROLL	-.30893-02	.20838-02	-.11768-03	.87359-03	.26102-02	-.97761-03	-.17131-02	-.28035-02
VYAW	-.22217-03	-.17354-02	.84438-03	-.60422-03	-.69429-03	.22077-02	.72057-03	-.30287-02
TCUT	.35797+00	.38119+00	.44798+00	.41203+00	.37325+00	.37722+00	.41525+00	.42434+00

CASE	81	82	83	84	85	86	87	88
VXHORZ	.11111+02	.11697+02	.17719+02	.99888+01	.11675+02	-.30698+01	.23173+01	-.20321+00
VYHORZ	.82715+02	.39309+02	.80351+02	.19896+02	.29987+02	.52215+02	.68637+02	.59754+02
VVERT	-.98619+02	-.45503+02	-.88997+02	-.57179+02	-.36619+02	-.10786+03	-.62567+02	-.51124+02
PITCH	.35481-02	.28765-01	.35873-01	.81294-02	-.53820-02	.28693-01	-.91405-02	-.15880-01
ROLL	.22304-01	.39028-02	-.36337-01	-.78377-02	.68203-01	-.14556-01	-.52187-03	-.34109-01
YAW	.59489+01	.60000+01	.80075+00	.25856+01	.13392+01	.24762+01	.17215+01	.39503+01
VPITCH	.29856-02	.24408-02	.56531-03	.13997-02	-.12918-02	.39399-03	.19762-02	-.77996-03
VROLL	-.39479-02	-.23601-02	-.23766-02	-.12485-02	.50923-03	-.26621-02	-.23462-02	-.62192-02
VYAW	.70273-03	.19095-02	-.11870-02	-.18780-02	.11968-02	.99716-03	-.63991-03	.10391-02
TCUT	.38720+00	.43223+00	.43355+00	.41097+00	.43002+00	.40192+00	.38358+00	.37765+00

CASE	89	90	91	92	93	94	95	96
VXHORZ	.57356+01	.88299+00	.91435+00	.90457+01	.39196+01	-.13435+02	-.37770+01	.13723+02
VYHORZ	.77831+02	.49677+02	.66361+02	.76117+02	.58368+02	.70626+02	.10696+03	.51014+02
VVERT	-.92814+02	-.39543+02	-.25707+02	-.19754+02	-.25824+02	-.19477+02	-.75376+02	-.95234+02
PITCH	.21813-01	-.35836-01	-.18688-01	-.16675-01	.47765-01	.31602-01	.33124-02	.49973-01
ROLL	-.13611-02	-.29625-01	.46762-01	-.79228-02	.20691-01	.62350-01	.53736-01	.53732-01
YAW	.43477+01	.96908+00	.10200+01	.20161+01	.49333+01	.49775+01	.37699+01	.39218+01
VPITCH	.13961-03	.99256-03	.22853-02	.13968-03	.81691-03	.30003-03	.71391-03	-.83330-03
VROLL	.54208-02	.96049-02	.17890-03	-.60592-03	-.13606-02	.19296-02	.19939-03	-.97059-03
VYAW	-.22551-02	.85628-03	-.62469-03	-.57350-03	-.22485-02	.19677-02	-.14592-02	-.13999-02
TCUT	.43244+00	.44200+00	.44606+00	.43007+00	.42516+00	.40819+00	.40170+00	.37395+00

TABLE 3.4 LM-10 LUNAR LANDING INITIAL CONDITIONS (CONTINUED)

CASE	97	98	99	100
VXHORZ	.54967+01	-.17484+02	-.75792+01	.98831+01
VYHORZ	.68686+02	.62616+02	.43796+02	.37601+02
VVERT	-.31883+02	-.39923+02	-.25683+02	-.86637+02
PITCH	-.55192-02	-.27969-01	.19234+01	.53948-01
ROLL	.96250-01	.11037-01	.15501-02	-.11153-01
YAW	.32597+01	.54401+01	.24650+01	.22461+01
VPITCH	-.23555-02	.30106-02	-.35168-02	.20498-02
VROLL	.18213-02	-.21459-02	.32891-02	.75327-03
VYAW	-.50082-02	-.13321-02	.33052-03	.30311-02
TCUT	.43890+00	.35620+00	.43122+00	.41502+00

TABLE 3.5 LOCAL ELEVATION TABLE 1

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	35.27	29.98	25.17	21.19	18.31	16.63	16.15	16.77	18.29	20.30	22.68	25.11	27.43
2	37.19	31.87	26.98	22.89	19.86	18.02	17.35	17.73	18.94	20.76	22.91	25.14	27.30
3	39.15	34.21	29.62	25.68	22.66	20.65	19.68	19.65	20.39	21.71	23.37	25.17	26.96
4	41.06	36.91	32.96	29.44	26.55	24.42	23.08	22.48	22.53	23.11	24.04	25.19	26.43
5	42.85	39.84	36.83	33.93	31.31	29.08	27.32	26.05	25.27	24.94	24.97	25.27	25.76
6	44.47	42.90	40.98	38.83	36.54	34.28	32.11	30.13	28.41	27.02	26.00	25.36	25.06
7	45.87	45.86	45.22	43.14	39.81	29.77	29.97	33.46	31.50	29.15	27.06	25.94	25.34
8	46.98	48.44	49.01	38.29	23.90	17.79	18.55	28.02	34.51	31.12	28.04	25.51	23.67
9	47.78	50.44	51.44	38.07	23.81	15.25	18.18	27.32	36.54	32.54	28.84	25.58	23.11
10	48.22	51.67	53.88	44.00	30.18	24.21	24.90	33.01	38.57	33.80	29.38	25.62	22.73
11	48.29	52.01	54.45	54.56	46.83	41.90	41.27	43.44	39.18	34.22	29.60	25.64	22.58
12	47.99	51.43	53.65	54.42	53.66	51.43	47.96	43.58	38.72	33.94	29.46	25.65	22.65
13	47.32	49.97	51.56	51.91	50.95	48.77	45.55	41.60	37.25	33.00	29.04	25.63	22.95
14	46.34	47.79	48.40	48.09	46.83	44.70	41.86	38.53	34.96	31.53	28.34	25.58	23.42
15	45.10	45.08	44.50	43.38	41.74	39.68	37.30	34.72	32.15	29.69	27.44	25.52	24.01
16	43.64	42.07	40.25	38.30	36.30	34.32	32.42	30.68	29.09	27.68	26.45	25.43	24.63
17	42.06	39.11	36.20	33.50	31.17	29.28	27.84	26.82	26.15	25.73	25.47	25.32	25.21
18	40.40	36.33	32.50	29.20	26.61	24.82	23.81	23.45	23.60	24.07	24.67	25.26	25.78
19	38.73	33.87	29.42	25.72	23.00	21.33	20.66	20.82	21.61	22.75	24.00	25.17	26.15
20	37.10	31.86	27.14	23.28	20.53	19.00	18.59	19.11	20.29	21.84	23.52	25.03	26.30
21	35.48	30.32	25.69	21.95	19.33	17.90	17.65	18.34	19.70	21.43	23.29	24.88	26.29
22	33.87	29.17	24.97	21.59	19.29	17.99	17.77	18.46	19.79	21.45	23.18	24.79	26.02
23	32.25	28.32	24.80	21.98	20.01	18.96	18.77	19.31	20.41	21.83	23.31	24.64	25.70
24	30.60	27.63	24.96	22.81	21.30	20.48	20.30	20.67	21.44	22.49	23.60	24.62	25.42
25	28.92	26.98	25.22	23.79	22.78	22.20	22.05	22.29	22.70	23.32	24.09	24.78	25.22
26	27.20	26.25	25.38	24.65	24.13	23.81	23.71	23.77	23.97	24.23	24.56	24.90	25.16

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	29.30	30.57	31.11	30.85	29.76	27.83	25.11	21.75	17.82	13.48	8.92	4.36	.00
2	29.05	30.25	30.76	30.53	29.52	27.71	25.19	21.98	18.25	14.12	9.79	5.31	1.03
3	28.96	29.51	29.99	29.83	28.98	27.42	25.17	22.39	18.98	15.19	11.12	6.94	2.81
4	27.59	28.37	28.81	28.77	28.17	26.98	25.18	22.85	19.99	16.69	13.06	9.23	5.39
5	26.33	26.89	27.28	27.39	27.13	26.41	25.18	23.97	21.25	18.56	15.48	12.10	8.58
6	25.06	25.24	25.53	25.81	25.92	25.79	25.18	24.16	22.66	20.67	18.23	15.38	12.22
7	23.76	23.61	23.80	24.21	24.70	25.06	25.16	24.90	24.17	22.92	21.16	18.89	16.16
8	22.59	22.09	22.20	22.74	23.57	24.43	25.15	25.62	25.65	25.16	24.10	22.94	20.19
9	21.53	20.81	20.86	21.51	22.61	23.90	25.15	26.25	26.96	27.16	26.75	25.67	23.91
10	20.83	19.93	19.91	20.63	21.90	23.50	25.16	26.75	28.00	28.76	28.91	28.35	27.09
11	20.53	19.51	19.45	20.19	21.53	23.28	25.17	27.07	28.70	29.87	30.49	30.31	29.91
12	20.63	19.60	19.51	20.21	21.53	23.26	25.20	27.21	29.01	30.41	31.27	31.46	30.89
13	21.12	20.17	20.06	20.66	21.85	23.49	25.25	27.17	28.95	30.41	31.40	31.79	31.50
14	21.93	21.19	21.01	21.48	22.49	23.77	25.31	26.96	28.56	29.92	30.91	31.41	31.32
15	22.95	22.36	22.29	22.55	23.23	24.19	25.36	26.62	27.92	29.06	29.99	30.45	30.50
16	24.09	23.70	23.59	23.72	24.08	24.65	25.38	26.22	27.11	27.94	28.66	29.12	29.24
17	25.09	24.98	24.89	24.85	24.91	25.08	25.38	25.78	26.25	26.78	27.26	27.60	27.76
18	26.07	26.15	26.04	25.83	25.61	25.43	25.32	25.33	25.49	25.67	25.93	26.17	26.33
19	26.76	26.99	26.90	26.57	26.11	25.69	25.22	24.90	24.71	24.69	24.76	24.89	25.09
20	27.11	27.45	27.37	26.98	26.38	25.70	25.08	24.54	24.14	23.92	23.88	23.88	24.00
21	27.12	27.51	27.45	27.04	26.40	25.64	24.91	24.26	23.75	23.40	23.22	23.19	23.29
22	26.86	27.29	27.20	26.82	26.21	25.47	24.75	24.09	23.55	23.16	22.93	22.86	22.93
23	26.42	26.75	26.72	26.40	25.89	25.27	24.69	24.05	23.56	23.19	22.95	22.86	22.91
24	25.95	26.19	26.18	25.95	25.57	25.10	24.61	24.15	23.75	23.44	23.24	23.15	23.18
25	25.57	25.73	25.72	25.53	25.32	25.02	24.69	24.38	24.11	23.90	23.75	23.69	23.70
26	25.34	25.42	25.41	25.34	25.21	25.06	24.90	24.74	24.60	24.49	24.42	24.38	24.39

TABLE 3.6 LOCAL ELEVATION TABLE 2

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	3.34	2.73	2.38	2.40	2.90	3.92	5.50	7.66	10.42	13.72	17.52	21.73	26.25
2	3.45	2.47	1.71	1.29	1.34	1.92	3.11	4.93	7.40	10.49	14.13	18.25	22.74
3	3.53	2.33	1.31	.62	.37	.69	1.64	3.27	5.58	8.55	12.10	16.15	20.59
4	3.56	2.27	1.16	.36	.00	.20	1.05	2.64	4.92	7.87	11.40	15.41	19.78
5	3.54	2.27	1.17	.41	.10	.36	1.28	2.89	5.24	8.27	11.85	15.86	20.15
6	3.46	2.29	1.31	.67	.51	.95	2.07	3.89	6.39	9.50	13.20	17.24	21.47
7	3.37	2.33	1.50	1.04	1.09	1.78	3.17	5.27	8.03	11.37	15.13	19.26	23.45
8	3.27	2.36	1.69	1.42	1.71	2.66	4.35	6.76	9.85	13.46	17.93	21.58	25.77
9	3.19	2.38	1.84	1.74	2.23	3.44	5.43	8.16	11.57	15.48	19.69	24.05	28.26
10	3.14	2.39	1.93	1.95	2.61	4.03	6.27	9.30	13.01	17.21	21.67	26.25	30.53
11	3.13	2.39	1.95	2.03	2.79	4.37	6.80	10.07	14.04	18.50	23.21	27.97	32.35
12	3.15	2.37	1.92	2.00	2.80	4.46	7.02	10.45	14.61	19.26	24.19	29.10	33.58
13	3.19	2.35	1.84	1.89	2.68	4.36	6.97	10.48	14.73	19.50	24.54	29.57	34.12
14	3.22	2.33	1.76	1.75	2.49	4.12	6.71	10.20	14.45	19.23	24.29	29.34	33.92
15	3.23	2.30	1.69	1.63	2.29	3.84	6.32	9.69	13.83	18.50	23.45	28.42	32.95
16	3.20	2.28	1.66	1.56	2.15	3.56	5.87	9.04	12.95	17.38	22.08	26.85	31.24
17	3.12	2.27	1.70	1.59	2.10	3.37	5.45	8.32	11.87	15.93	20.25	24.69	28.83
18	3.01	2.30	1.82	1.74	2.19	3.28	5.08	7.57	10.67	14.24	18.06	22.03	25.81
19	2.92	2.39	2.05	2.02	2.42	3.33	4.81	6.86	9.42	12.38	15.61	18.98	22.32
20	2.92	2.57	2.40	2.44	2.80	3.52	4.65	6.20	8.15	10.45	13.01	15.73	18.53
21	3.05	2.92	2.88	3.00	3.30	3.81	4.57	5.61	6.92	8.51	10.36	12.44	14.69
22	3.36	3.43	3.54	3.69	3.90	4.19	4.58	5.09	5.77	6.66	7.80	9.23	10.97
23	3.91	4.12	4.33	4.51	4.62	4.67	4.68	4.67	4.73	4.96	5.49	6.27	7.53
24	4.69	4.99	5.24	5.38	5.38	5.20	4.84	4.38	3.89	3.51	3.39	3.70	4.54
25	5.70	5.99	6.21	6.29	6.14	5.72	5.03	4.16	3.21	2.35	1.75	1.63	2.14
26	6.84	7.07	7.22	7.17	6.84	6.19	5.22	4.02	2.73	1.13	.56	.14	.41

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	30.96	35.75	40.50	45.10	49.45	53.46	57.12	60.40	63.18	65.42	67.11	68.25	68.86
2	27.49	32.36	37.22	41.95	46.44	50.57	54.27	57.60	60.36	62.54	64.12	65.11	65.57
3	25.29	30.10	34.91	39.56	43.99	47.94	51.47	54.53	57.09	58.93	60.22	60.96	61.18
4	24.36	29.01	33.59	37.97	42.03	45.66	48.78	51.34	53.37	54.79	55.69	55.99	55.95
5	24.57	28.97	33.21	37.16	40.71	43.78	46.30	48.24	49.58	50.37	50.68	50.59	50.24
6	25.72	29.81	33.63	37.03	39.95	42.32	44.11	45.31	45.99	46.07	45.81	45.27	44.64
7	27.52	31.29	34.69	37.96	39.68	41.28	42.27	42.68	42.57	42.09	41.23	40.29	39.40
8	29.69	33.16	36.05	38.27	39.79	40.63	40.82	40.96	39.69	38.50	37.20	35.92	34.84
9	32.09	35.22	37.66	39.31	40.19	40.31	39.78	38.73	37.29	35.63	33.95	32.92	31.23
10	34.25	37.23	39.31	40.97	40.73	40.26	39.12	37.50	35.57	33.54	31.60	29.94	28.74
11	36.06	38.90	40.74	41.54	41.36	40.36	38.78	36.75	34.51	32.26	30.21	28.59	27.39
12	37.31	40.08	41.76	42.33	41.87	40.56	38.66	36.41	34.02	31.71	29.70	28.14	27.14
13	37.88	40.64	42.25	42.72	42.14	40.71	38.67	36.37	34.00	31.80	29.96	28.60	27.80
14	37.70	40.47	42.10	42.58	42.04	40.66	38.71	36.49	34.35	32.42	30.86	29.77	29.20
15	36.73	39.53	41.23	41.83	41.45	40.29	38.62	36.71	34.93	33.36	32.16	31.40	31.07
16	34.95	37.77	39.58	40.40	40.31	39.52	38.27	36.83	35.51	34.40	33.61	33.19	33.11
17	32.40	35.22	37.18	38.27	38.59	38.29	37.59	36.73	35.97	35.37	35.02	34.94	35.08
18	29.18	31.97	34.07	35.50	36.29	36.59	36.59	36.39	36.19	36.19	36.29	36.48	36.81
19	25.42	28.14	30.90	32.18	33.51	34.97	35.15	35.67	36.15	36.65	37.18	37.73	38.29
20	21.30	23.93	26.34	28.49	30.38	32.03	33.46	34.74	35.89	36.93	37.87	38.66	39.26
21	17.09	19.59	22.13	24.63	27.07	29.40	31.59	33.60	35.40	36.96	38.25	39.22	39.85
22	13.03	15.91	18.06	20.90	23.85	26.81	29.66	32.33	34.73	36.75	38.33	39.44	40.07
23	9.27	11.53	14.28	17.42	20.83	24.35	27.82	31.06	33.94	36.35	38.17	39.32	39.96
24	6.01	8.15	10.97	14.36	18.16	22.16	26.13	29.85	33.12	35.82	37.81	39.05	39.59
25	3.39	5.44	8.30	11.88	15.97	20.33	24.69	28.77	32.35	35.22	37.32	38.57	39.05
26	1.50	3.99	7.98	10.06	14.35	18.95	23.57	27.89	31.66	34.66	36.79	38.02	38.44

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TABLE 3.7 LOCAL ELEVATION TABLE 3

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	109.96	111.10	113.68	117.17	121.42	126.20	131.26	136.31	140.89	144.68	147.95	149.07	149.54
2	109.27	110.81	113.29	116.67	120.80	125.47	130.42	135.40	139.92	143.70	146.50	148.20	148.80
3	109.12	110.54	112.84	116.01	119.92	124.35	129.05	133.83	138.21	141.92	144.74	146.56	147.37
4	109.07	110.34	112.42	115.29	118.84	122.90	127.22	131.66	135.80	139.38	142.19	144.15	145.24
5	109.16	110.26	112.06	114.55	117.65	121.21	125.03	129.00	132.78	136.15	138.94	141.05	142.47
6	109.39	110.31	111.79	113.83	116.39	119.35	122.58	125.95	129.29	132.39	135.11	137.37	139.15
7	109.77	110.49	111.62	113.17	115.12	117.42	119.98	122.70	125.50	128.28	130.90	133.31	135.46
8	110.27	110.78	111.55	112.58	113.89	115.49	117.33	119.41	121.67	124.06	126.57	129.10	131.60
9	110.87	111.16	111.55	112.06	112.74	113.63	114.77	116.20	117.94	120.00	122.39	125.03	127.88
10	111.60	111.65	111.65	111.64	111.70	111.93	112.41	113.24	114.50	116.24	118.50	121.25	124.39
11	112.35	112.17	111.81	111.35	110.86	110.48	110.37	110.67	111.51	112.98	115.12	117.94	121.33
12	113.12	112.69	112.00	111.13	110.19	109.32	108.72	108.61	109.11	110.36	112.41	115.27	118.85
13	113.81	113.16	112.19	110.99	109.70	110.10	107.53	107.11	107.38	108.47	110.47	114.95	117.03
14	114.39	113.55	112.36	110.93	110.97	111.09	105.76	102.20	100.97	103.33	108.24	115.01	117.50
15	114.80	113.81	112.99	110.91	107.61	98.03	90.48	85.70	84.38	86.68	92.68	102.03	113.61
16	114.97	113.92	116.78	108.71	96.75	85.73	77.72	72.95	71.63	73.94	79.94	89.62	102.85
17	114.85	117.96	121.06	103.48	87.77	76.45	68.60	63.99	62.80	65.17	71.31	80.97	94.16
18	114.90	113.57	114.73	96.08	84.68	69.11	57.52	50.33	51.93	57.93	68.76	76.27	89.40
19	113.60	113.07	110.18	95.93	83.47	62.38	45.93	38.37	40.06	51.89	68.18	77.39	88.24
20	112.96	112.38	114.27	96.25	86.50	58.19	39.93	29.63	27.95	37.38	56.86	69.28	86.54
21	111.06	115.60	120.15	104.84	89.54	59.30	34.89	21.10	18.78	29.26	55.54	60.10	77.30
22	109.52	110.64	115.54	105.85	85.50	58.27	38.13	23.71	20.63	23.25	35.70	49.55	70.07
23	108.09	109.82	110.93	97.32	81.45	60.42	41.90	28.54	21.50	21.77	29.77	45.26	64.66
24	106.86	109.16	104.91	90.36	75.23	61.68	43.91	29.32	20.39	19.89	27.38	40.11	55.49
25	106.00	108.78	100.58	85.37	69.57	55.11	36.93	20.22	9.65	7.00	12.08	29.09	45.49
26	105.67	108.76	99.22	83.91	67.84	51.30	34.76	18.99	5.70	.00	7.69	23.27	41.91

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	149.01	147.63	145.68	143.96	141.32	139.39	137.83	136.79	136.17	136.08	136.95	137.18	138.16
2	148.42	147.27	145.59	143.68	141.90	140.34	139.13	138.37	138.09	138.10	138.93	138.96	139.58
3	147.29	146.50	145.24	143.80	142.49	141.37	140.58	140.16	140.08	140.25	140.56	140.92	141.15
4	145.56	145.26	144.56	143.70	142.94	142.34	141.99	141.91	142.05	142.32	142.63	142.78	142.65
5	143.26	143.56	143.51	143.31	143.17	143.12	143.21	143.45	143.78	144.16	144.38	144.32	143.88
6	140.48	141.94	142.12	142.64	143.12	143.63	144.15	144.70	145.21	145.58	145.69	145.43	144.74
7	137.35	139.00	140.94	141.71	142.86	143.90	144.89	145.63	146.23	146.55	146.53	146.09	145.21
8	134.04	136.37	138.56	140.57	142.37	143.93	145.22	146.20	146.82	147.07	146.90	146.31	145.30
9	130.83	133.78	136.63	139.30	141.70	143.72	145.30	146.42	147.04	147.18	146.87	146.15	145.07
10	127.80	131.32	134.79	138.03	140.91	143.32	145.14	146.34	146.93	146.96	146.52	145.69	144.59
11	125.13	129.13	133.10	136.82	140.09	142.79	144.78	146.02	146.56	146.49	145.93	145.01	143.93
12	122.94	127.30	131.66	135.75	139.32	142.19	144.29	145.55	146.02	145.85	145.20	144.26	143.23
13	121.32	125.93	130.59	134.86	138.63	141.63	143.76	144.99	145.42	145.18	144.48	143.53	142.64
14	120.29	125.03	129.78	134.22	138.08	141.19	143.28	144.49	144.86	144.58	143.89	142.88	141.93
15	119.57	124.59	129.38	133.85	137.72	140.77	142.89	144.08	144.42	144.10	143.35	142.40	141.48
16	117.38	123.82	129.32	133.75	137.58	140.59	142.68	143.89	144.16	143.84	143.09	142.16	141.27
17	112.73	123.27	123.53	133.91	137.68	140.69	142.70	143.89	144.17	143.86	143.13	142.21	141.32
18	105.82	127.77	130.09	134.32	138.02	140.99	142.99	144.19	144.49	144.21	143.50	142.58	141.67
19	104.77	124.13	130.69	134.91	138.58	141.50	143.56	144.79	145.19	144.89	144.20	143.26	142.32
20	105.63	128.25	131.93	135.64	139.33	142.28	144.38	145.63	146.08	145.88	145.20	144.25	143.22
21	104.99	124.23	125.34	136.95	140.17	143.20	145.39	146.71	147.23	147.07	146.90	145.91	144.28
22	93.73	117.21	129.57	137.24	141.08	144.20	146.50	147.91	148.50	148.38	147.71	146.67	145.44
23	82.93	101.32	120.17	137.86	141.85	145.12	147.54	149.05	149.71	149.61	148.92	147.83	146.50
24	72.56	92.01	112.13	132.17	142.36	145.75	148.28	149.87	150.57	150.49	149.78	148.63	147.22
25	65.19	85.73	106.76	127.77	142.43	145.92	148.51	150.19	150.86	150.76	150.03	148.85	147.41
26	62.07	83.06	104.40	125.67	141.94	145.45	148.09	149.66	150.35	150.23	149.48	148.30	146.89

TABLE 3.8 LOCAL ELEVATION TABLE 4

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	35.33	33.93	32.46	31.01	29.71	28.69	28.08	27.97	28.43	29.49	31.15	33.40	36.19
2	36.06	34.44	32.60	30.86	29.37	28.34	27.92	28.24	29.33	31.18	33.72	36.83	40.36
3	36.49	34.79	32.83	31.04	29.57	28.68	28.59	29.40	31.19	33.74	37.06	40.88	44.99
4	36.33	34.86	33.04	31.40	30.13	29.53	29.82	31.19	33.46	36.69	40.60	44.94	49.50
5	35.63	34.55	33.09	31.84	30.95	30.76	31.50	33.27	36.05	39.69	43.96	48.54	53.26
6	34.27	33.78	32.91	32.24	31.91	32.24	33.43	35.58	38.65	42.47	46.78	51.35	55.85
7	32.25	32.50	32.43	32.50	32.86	33.78	35.42	37.85	41.01	44.75	48.82	53.05	57.00
8	29.63	30.72	31.56	32.49	33.63	35.17	37.23	39.83	42.92	46.34	49.95	53.50	56.66
9	26.50	28.96	30.27	32.10	34.05	36.21	38.62	41.30	44.16	47.14	50.08	52.74	54.92
10	23.02	25.80	28.53	31.23	33.94	36.66	39.39	42.09	44.69	47.09	49.19	50.87	52.04
11	19.43	22.85	26.34	29.84	33.24	36.46	39.43	42.07	44.31	46.09	47.37	48.12	48.33
12	15.85	19.70	23.71	27.80	31.72	35.30	38.42	40.97	42.88	44.14	44.75	44.74	44.19
13	12.42	16.45	20.72	25.10	29.29	33.06	36.25	38.71	40.40	41.30	41.47	40.99	40.11
14	9.30	13.22	17.43	21.79	25.99	29.76	32.91	35.32	36.92	37.71	37.75	37.21	36.28
15	6.58	10.12	13.97	17.99	21.93	25.52	28.57	30.96	32.62	33.54	33.78	33.58	32.92
16	4.39	7.29	10.52	13.91	17.36	20.61	23.50	25.91	27.78	29.07	29.91	30.26	30.16
17	2.73	4.87	7.31	9.96	12.73	15.50	18.18	20.66	22.88	24.76	26.26	27.37	28.08
18	1.60	2.90	4.48	6.33	8.42	10.73	13.19	15.74	18.30	20.76	23.04	25.03	26.67
19	.95	1.47	2.22	3.29	4.73	6.58	8.85	11.47	14.36	17.40	20.43	23.30	25.85
20	.75	.61	.69	1.11	2.02	3.50	5.59	8.27	11.44	14.95	18.61	22.21	25.53
21	.91	.36	.00	.01	.57	1.80	3.77	6.48	9.81	13.62	17.69	21.76	25.61
22	1.37	.69	.20	.10	.55	1.69	3.61	6.30	9.66	13.54	17.72	21.95	26.00
23	2.06	1.56	1.27	1.35	1.95	3.19	5.13	7.76	11.00	14.70	18.68	22.72	26.60
24	2.91	2.86	3.07	3.62	4.62	6.12	8.15	10.69	13.67	16.98	20.47	24.00	27.40
25	3.94	4.53	5.91	6.66	8.24	10.13	12.32	14.76	17.39	20.14	22.93	25.70	28.35
26	5.01	6.42	8.18	10.21	12.42	14.77	17.16	19.49	21.73	23.85	25.83	27.70	29.45

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	39.45	43.08	46.93	50.85	54.64	58.12	61.15	63.53	65.13	65.91	65.90	63.23	52.57
2	44.16	48.06	51.97	55.65	58.97	61.78	64.00	65.55	66.40	66.55	66.09	65.15	63.93
3	49.25	53.36	57.11	60.35	62.99	65.00	66.34	67.05	67.15	66.74	65.90	64.79	63.59
4	53.96	58.00	61.92	64.12	66.04	67.23	67.74	67.68	67.16	66.30	65.24	64.12	63.08
5	57.63	61.39	64.34	66.42	67.62	68.06	67.85	67.19	66.22	65.12	64.08	63.13	62.37
6	59.85	63.11	65.47	66.88	67.41	67.21	66.47	65.90	64.26	63.21	62.34	61.73	61.41
7	60.38	62.95	64.61	65.36	65.30	64.62	63.54	62.36	61.31	60.49	60.01	59.92	60.21
8	59.20	60.95	61.86	61.98	61.43	60.49	59.26	58.23	57.43	57.09	57.13	57.72	58.79
9	56.49	57.36	57.53	57.07	56.16	55.02	54.00	53.22	52.86	53.09	53.83	55.18	56.99
10	52.62	52.62	52.10	51.17	50.01	48.96	48.13	47.72	47.89	48.72	50.29	52.37	54.96
11	48.03	47.27	46.23	45.01	43.78	42.74	42.16	42.17	42.88	44.34	46.54	49.37	52.65
12	43.30	42.10	40.71	39.28	38.02	37.10	36.70	37.00	38.18	40.16	42.90	46.27	50.07
13	38.88	37.39	35.81	34.33	33.11	32.34	32.17	32.79	34.12	36.41	39.98	43.15	47.25
14	34.99	33.50	31.96	30.56	29.47	28.89	28.82	29.52	31.01	33.30	36.91	40.13	44.25
15	31.90	30.67	29.39	28.22	27.30	26.79	26.82	27.99	28.88	31.00	33.83	37.29	41.15
16	29.71	29.01	28.17	27.33	26.64	26.21	26.19	26.68	27.77	29.48	31.82	34.74	38.09
17	28.42	28.92	28.17	27.75	27.30	26.99	26.79	26.98	27.61	28.74	30.91	32.58	35.22
18	27.90	28.70	29.11	29.16	28.97	28.66	28.34	28.17	28.26	28.70	29.58	30.92	32.72
19	27.97	29.57	30.63	31.16	31.29	30.98	30.50	29.96	29.50	29.25	29.32	29.79	30.72
20	28.42	30.74	32.46	33.46	33.81	33.60	32.97	32.07	31.11	30.29	29.57	29.23	29.34
21	29.09	31.98	34.16	35.59	36.19	36.05	35.37	34.27	32.91	31.51	30.25	29.25	28.65
22	29.71	32.91	35.37	37.01	37.83	37.89	37.29	36.16	34.65	32.91	31.26	29.79	28.67
23	30.23	33.90	35.91	37.67	38.67	38.93	38.52	37.59	36.09	34.33	32.47	30.76	29.32
24	30.58	33.99	35.77	37.52	38.63	39.11	38.98	38.29	37.11	35.55	33.76	32.03	30.50
25	30.82	33.12	35.09	36.68	37.84	38.52	38.71	38.40	37.62	36.43	34.96	33.39	31.96
26	31.10	32.65	34.09	35.40	36.51	37.34	37.83	37.93	37.61	36.89	35.69	34.58	33.39

TABLE 3.9 LOCAL ELEVATION TABLE 5

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	8.80	23.86	39.65	48.14	48.06	48.09	48.12	48.32	48.65	49.06	49.54	50.00	50.33
2	14.51	28.79	43.91	49.87	49.64	49.46	49.37	49.39	49.52	49.73	49.98	50.24	50.39
3	27.09	39.01	50.90	51.28	50.91	50.57	50.31	50.11	50.00	49.94	49.92	49.92	49.87
4	44.51	52.13	52.77	52.25	51.75	51.29	50.86	50.47	50.10	49.76	49.45	49.16	48.90
5	54.60	53.92	53.28	52.68	52.13	51.60	51.07	50.51	49.91	49.28	48.68	48.14	47.72
6	54.52	53.78	53.12	52.55	52.03	51.53	50.99	50.33	49.56	48.70	47.82	47.04	46.48
7	53.53	52.84	52.28	51.84	51.47	51.12	50.66	50.01	49.18	48.19	47.12	46.12	45.41
8	51.60	51.08	50.75	50.58	50.50	50.41	50.15	49.63	48.87	47.84	46.66	45.53	44.69
9	48.73	48.54	48.59	48.82	49.16	49.46	49.53	49.29	48.68	47.72	46.54	45.37	44.47
10	45.05	45.32	45.88	46.64	47.51	48.32	48.84	48.97	48.65	47.88	46.81	45.68	44.79
11	40.75	41.59	42.76	44.14	45.64	47.09	48.11	48.70	48.76	48.29	47.43	46.42	45.59
12	36.09	37.57	39.40	41.45	43.63	45.67	47.33	48.45	48.95	48.86	49.93	47.41	46.77
13	31.40	33.51	36.00	38.76	41.59	44.24	46.50	48.19	49.20	50.89	52.57	47.62	44.11
14	27.03	29.73	32.85	36.22	39.62	42.81	45.62	47.85	49.37	48.57	40.39	33.92	29.31
15	23.39	26.59	30.12	33.94	37.79	41.49	44.69	51.56	47.10	37.84	28.87	22.06	17.59
16	20.66	24.09	27.96	32.08	36.23	40.18	47.68	55.27	41.18	28.75	20.09	13.51	9.17
17	19.07	22.58	26.55	30.77	35.03	39.12	42.84	48.31	33.41	23.01	14.57	8.17	3.98
18	18.76	22.16	26.01	30.13	34.31	38.35	42.05	43.20	30.91	20.62	12.32	6.04	1.90
19	19.81	22.91	26.46	30.27	34.18	37.98	41.49	46.87	31.98	21.68	13.41	7.20	3.11
20	22.20	24.89	27.92	31.26	34.72	38.11	45.09	52.39	38.42	26.33	18.00	11.79	7.79
21	25.82	27.91	30.39	33.14	36.00	38.89	41.51	48.13	43.39	34.75	26.28	20.01	15.97
22	30.51	32.00	33.83	35.90	38.08	40.26	42.33	44.18	45.44	45.05	37.55	32.09	28.06
23	36.09	36.97	38.14	39.50	40.95	42.42	43.82	45.08	46.13	48.10	50.91	46.23	43.30
24	42.16	42.60	43.18	43.85	44.57	45.31	46.02	46.66	47.19	47.60	49.50	47.61	47.62
25	48.60	48.68	48.75	48.81	48.86	48.90	48.93	48.95	48.97	48.99	49.00	49.01	49.02
26	55.19	54.98	54.62	54.19	53.65	53.06	52.48	51.93	51.48	51.14	50.92	50.82	50.83

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	50.42	50.18	49.57	48.59	47.49	46.32	45.26	44.56	44.46	45.19	46.89	49.61	53.27
2	50.34	50.03	49.41	48.49	47.51	46.50	45.63	45.12	45.20	46.04	47.79	50.47	54.01
3	49.72	49.42	48.97	48.37	47.82	47.33	47.02	47.05	47.57	48.71	50.56	53.11	56.29
4	48.68	48.49	48.36	48.31	48.39	48.69	49.23	50.07	51.27	52.85	54.83	57.17	59.78
5	47.47	47.47	47.75	48.34	49.26	50.49	52.02	53.80	55.80	57.90	60.02	62.09	64.01
6	46.24	46.44	47.16	48.44	50.24	52.51	55.12	57.91	60.77	63.44	65.72	67.48	68.63
7	45.18	45.57	46.69	48.59	51.22	54.49	58.04	61.85	65.52	68.69	71.08	72.52	72.89
8	44.48	45.02	46.45	48.82	52.09	56.05	60.43	65.04	69.33	72.87	75.32	76.45	76.15
9	44.26	44.87	46.47	49.12	52.76	57.17	62.02	67.10	71.76	75.50	77.93	78.79	77.97
10	44.56	45.16	46.76	49.46	53.17	57.68	62.63	67.84	72.55	76.28	78.61	79.25	78.12
11	45.34	45.84	47.29	49.78	53.27	57.53	62.23	67.14	71.67	75.18	77.32	77.81	76.56
12	46.47	46.79	47.95	51.14	53.09	56.76	60.89	65.27	69.25	72.37	74.25	74.65	73.47
13	42.41	43.87	47.60	53.03	57.13	55.49	58.78	62.39	65.62	68.22	69.80	70.14	69.17
14	27.49	28.55	32.85	40.96	49.79	53.52	56.12	58.72	61.20	63.19	64.99	64.77	64.10
15	15.69	16.58	20.97	27.99	37.72	49.31	57.34	59.82	56.59	57.88	58.81	59.14	58.80
16	7.25	7.96	11.97	17.93	27.43	42.13	58.62	55.20	52.03	52.87	53.50	53.82	53.78
17	2.02	2.59	5.81	11.83	20.73	32.58	49.90	57.79	48.03	48.40	48.77	49.07	49.27
18	.00	.49	3.53	9.23	17.72	29.06	43.31	44.97	44.79	44.79	44.95	45.23	45.59
19	1.25	1.74	4.69	10.25	18.51	29.57	46.02	42.99	42.50	42.26	42.26	42.50	42.94
20	5.93	6.47	9.96	15.01	23.23	36.03	50.86	45.78	41.25	40.88	40.79	40.97	41.41
21	14.29	14.89	18.00	23.68	32.01	40.92	46.76	41.68	41.05	40.66	40.52	40.69	41.02
22	26.40	27.20	30.51	35.62	42.81	43.49	43.03	42.35	41.83	41.48	41.34	41.41	41.69
23	41.76	42.75	45.22	48.98	46.74	44.85	44.30	43.83	43.47	43.23	43.12	43.15	43.31
24	47.51	47.32	47.07	48.79	46.85	46.55	46.27	46.03	45.85	45.72	45.66	45.67	45.75
25	49.02	49.01	48.99	48.97	48.93	48.90	48.86	48.83	48.81	48.79	48.79	48.81	48.84
26	50.93	51.09	51.29	51.49	51.68	51.85	51.99	52.11	52.20	52.28	52.35	52.40	52.43

TABLE 3.10 LOCAL ELEVATION TABLE 6

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	62.50	62.70	63.18	63.90	64.82	65.84	66.83	67.53	67.74	67.27	65.98	63.80	60.75
2	61.73	61.93	62.38	63.07	63.94	64.91	65.84	66.51	66.71	66.27	65.04	62.97	60.07
3	60.87	61.04	61.45	62.06	62.83	63.69	64.51	65.10	65.28	64.89	63.81	61.97	59.41
4	60.01	60.15	60.49	60.99	61.63	62.34	63.00	63.47	63.62	63.31	62.45	60.97	58.87
5	59.40	59.50	59.74	60.12	60.60	61.12	61.60	61.95	62.06	61.84	61.21	60.12	58.54
6	59.11	59.18	59.33	59.56	59.85	60.16	60.45	60.66	60.73	60.60	60.23	59.56	58.56
7	59.30	59.33	59.39	59.47	59.57	59.68	59.77	59.85	59.88	59.84	59.72	59.47	59.05
8	60.10	60.09	60.07	60.01	59.94	59.85	59.78	59.73	59.72	59.77	59.88	60.01	60.12
9	61.59	61.56	61.46	61.30	61.08	60.84	60.62	60.47	60.44	60.56	60.85	61.30	61.84
10	63.82	63.77	63.62	63.38	63.07	62.72	62.40	62.18	62.13	62.29	62.71	63.38	64.23
11	66.75	66.69	66.52	66.24	65.87	65.47	65.10	64.85	64.78	64.97	65.46	66.24	67.26
12	70.29	70.22	70.05	69.77	69.40	69.00	68.63	68.37	68.30	68.49	68.98	69.77	70.81
13	74.25	74.20	74.04	73.79	73.46	73.10	72.77	72.54	72.48	72.65	73.08	73.79	74.73
14	78.45	78.40	78.27	78.07	77.81	77.53	77.28	77.13	77.10	77.25	77.61	78.17	78.91
15	82.73	82.70	82.62	82.49	82.32	82.14	82.00	81.90	81.88	81.98	82.20	82.55	83.02
16	86.72	86.71	86.68	86.63	86.56	86.50	86.45	86.42	86.41	86.45	86.53	86.65	86.83
17	90.22	90.22	90.24	90.26	90.29	90.32	90.36	90.40	90.41	90.39	90.34	90.25	90.15
18	93.09	93.06	93.10	93.18	93.28	93.40	93.52	93.61	93.64	93.58	93.43	93.17	92.83
19	95.08	95.10	95.17	95.28	95.43	95.60	95.77	95.90	95.94	95.86	95.63	95.26	94.76
20	96.32	96.34	96.41	96.54	96.70	96.90	97.09	97.24	97.29	97.20	96.94	96.51	95.94
21	96.82	96.83	96.90	97.01	97.18	97.36	97.56	97.70	97.75	97.66	97.41	96.99	96.43
22	96.69	96.69	96.74	96.84	96.98	97.13	136.91	136.53	136.57	97.40	97.18	96.82	96.33
23	96.09	96.08	96.11	96.18	96.28	135.77	175.27	175.37	175.40	135.92	96.44	96.16	95.79
24	95.19	95.18	95.20	95.23	95.29	134.74	174.19	174.25	174.27	134.84	95.40	95.22	94.98
25	94.17	94.17	94.17	94.19	94.23	133.60	173.05	173.08	173.09	133.65	94.28	94.19	94.07
26	93.24	93.24	93.25	93.25	93.26	132.54	172.01	172.02	172.02	132.54	93.27	93.25	93.24

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	57.04	52.69	48.23	43.98	40.10	36.88	34.97	32.98	32.40	32.60	33.71	34.92	36.22
2	56.53	51.49	37.81	29.00	22.25	17.82	15.90	16.58	19.89	28.34	29.99	30.60	31.44
3	56.44	46.85	30.22	17.11	7.72	2.28	.94	3.84	11.00	22.42	27.70	27.37	27.59
4	56.43	44.89	28.77	16.05	6.92	1.52	.00	2.48	9.03	19.69	26.38	25.44	24.94
5	56.49	46.31	32.84	20.69	11.96	6.75	5.18	7.35	13.37	23.31	26.95	24.95	23.67
6	57.20	54.41	42.39	30.92	22.71	17.82	16.32	18.31	23.89	30.13	28.57	25.97	23.90
7	58.39	57.18	54.68	45.51	41.76	39.51	35.97	34.00	37.53	35.02	31.78	28.98	25.69
8	60.10	59.87	59.12	61.35	63.59	61.09	58.50	51.29	44.08	40.33	36.25	32.39	29.00
9	62.36	62.74	62.81	62.95	64.93	59.68	60.73	54.06	50.26	46.09	41.78	37.58	33.77
10	65.15	65.99	66.56	66.71	66.27	65.09	62.97	60.07	56.49	52.45	48.14	43.83	39.80
11	68.40	69.51	70.42	71.00	70.97	70.20	68.58	64.12	62.91	59.13	55.07	50.90	46.87
12	72.00	73.21	74.32	75.11	75.38	74.98	73.83	71.89	69.29	65.98	62.29	58.97	54.66
13	75.82	76.99	78.09	78.93	79.37	79.28	78.58	77.22	75.22	72.66	69.69	66.31	62.82
14	79.77	80.71	81.63	82.40	82.90	83.09	82.75	81.97	80.69	78.91	76.68	74.06	71.13
15	83.58	84.20	84.84	85.44	85.92	86.23	86.30	86.07	85.50	84.53	83.13	81.29	79.01
16	87.06	87.35	87.68	88.04	88.44	88.84	89.21	89.47	89.54	89.33	88.79	87.67	86.05
17	90.06	90.02	90.07	90.23	90.53	90.97	91.52	92.14	92.75	93.19	93.31	92.94	91.95
18	92.47	92.16	91.96	91.93	92.13	92.58	93.27	94.13	95.10	96.04	96.70	96.90	96.46
19	94.21	93.72	93.39	93.17	93.27	93.70	94.45	95.46	96.61	97.85	98.89	99.50	99.48
20	95.30	94.71	94.24	93.98	94.01	94.38	95.12	96.15	97.38	98.71	99.92	100.77	101.03
21	95.79	95.19	94.70	94.91	94.39	94.70	95.36	96.31	97.47	98.74	99.95	100.84	101.28
22	95.76	95.24	94.80	94.52	94.48	94.71	95.25	96.04	97.03	98.12	99.18	100.02	100.48
23	95.36	94.95	94.60	94.38	94.33	94.50	94.88	95.47	96.21	97.03	97.86	98.53	98.93
24	94.70	94.44	94.21	94.06	94.02	94.12	94.36	94.73	95.19	95.72	96.25	96.70	96.99
25	93.93	93.81	93.70	93.63	93.61	93.65	93.76	93.92	94.17	94.44	94.71	94.93	95.08
26	93.22	93.20	93.18	93.17	93.17	93.18	93.20	93.23	93.27	93.31	93.34	93.37	93.38

TABLE 3.11 LOCAL ELEVATION TABLE 7

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	77.61	77.03	76.41	75.95	75.78	76.06	76.89	78.32	80.28	82.69	85.35	88.17	90.88
2	72.21	71.63	71.12	70.81	70.62	69.22	62.05	55.60	49.78	44.46	39.43	34.46	46.13
3	67.01	66.42	65.89	65.69	65.87	64.68	49.85	35.97	23.10	11.50	2.29	.00	9.95
4	62.32	61.69	61.19	61.04	61.45	60.58	48.03	34.86	22.88	12.30	3.62	4.19	11.88
5	58.61	57.85	57.30	57.15	57.61	58.50	50.44	38.51	28.16	19.98	16.47	18.04	24.89
6	56.25	55.25	54.51	54.22	54.56	55.67	55.08	46.10	37.76	32.55	30.78	32.95	39.09
7	55.45	54.09	53.02	52.91	52.46	53.28	54.63	55.64	50.22	46.36	45.54	47.92	53.43
8	56.23	54.92	52.88	51.81	51.39	51.74	52.98	55.09	57.52	59.61	60.58	62.89	67.78
9	58.47	56.12	54.02	52.37	51.35	51.08	51.66	53.08	55.24	57.92	60.98	64.24	67.45
10	61.87	58.97	56.28	53.98	52.28	51.32	51.19	51.89	53.36	55.46	58.00	60.74	63.45
11	66.08	62.66	59.39	56.47	54.10	52.93	51.57	51.54	52.29	53.70	55.59	57.75	59.97
12	70.70	66.84	63.09	59.65	56.69	54.37	52.81	52.10	52.16	52.90	54.17	55.76	57.48
13	75.48	71.27	67.18	63.31	59.87	57.03	54.89	53.58	53.06	53.21	53.91	54.99	56.24
14	79.86	75.53	71.25	67.16	63.45	60.26	57.73	55.97	55.00	54.69	54.92	55.55	56.40
15	83.56	79.32	75.08	70.99	67.22	63.93	61.22	59.18	57.91	57.28	57.17	57.45	57.97
16	86.41	82.47	78.48	74.63	71.04	67.85	65.19	63.11	61.66	60.85	60.52	60.56	60.83
17	88.35	84.89	81.36	77.94	74.73	71.86	69.49	67.51	66.09	65.18	64.76	64.65	64.78
18	89.43	86.58	83.66	80.83	78.17	75.78	73.75	72.12	70.90	70.08	69.58	69.39	69.38
19	89.73	87.59	85.38	83.25	81.24	79.43	77.90	76.68	75.76	75.13	74.74	74.52	74.40
20	89.40	87.99	86.55	85.15	83.84	82.68	81.70	80.93	80.37	79.98	79.74	79.59	79.49
21	88.60	87.92	87.22	86.55	85.93	85.39	84.97	84.65	84.44	84.32	84.29	84.19	84.12
22	87.52	87.49	87.46	87.45	87.46	87.50	87.57	87.67	87.78	87.90	87.99	88.03	87.97
23	86.38	86.86	87.39	87.92	88.46	88.97	89.46	89.91	90.29	90.59	90.79	90.88	90.83
24	85.36	86.19	87.10	88.05	88.97	89.89	90.63	91.31	91.87	92.29	92.56	92.67	92.61
25	84.56	85.63	86.79	87.92	89.07	90.15	91.10	91.92	92.57	93.04	93.33	93.43	93.36
26	84.13	85.27	86.46	87.65	88.87	90.00	90.99	91.83	92.49	92.95	93.22	93.31	93.21

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	93.28	95.21	96.59	97.40	97.69	97.55	97.10	96.48	95.84	95.28	94.83	94.55	94.43
2	57.41	68.12	78.18	87.56	96.85	98.75	98.20	97.45	96.66	96.00	95.46	95.13	94.99
3	26.32	44.13	61.95	79.33	96.18	98.70	98.09	97.29	96.37	95.61	95.01	94.63	94.47
4	28.30	45.64	63.03	80.09	95.51	97.38	96.72	95.81	94.88	94.06	93.41	93.00	92.89
5	36.31	51.63	67.60	83.59	95.01	94.80	94.13	93.19	92.23	91.37	90.70	90.26	90.08
6	48.67	60.78	74.86	88.57	91.29	91.09	90.92	89.99	88.52	87.66	86.97	86.52	86.32
7	61.66	72.00	83.91	86.20	86.69	86.96	85.82	84.91	83.96	83.11	82.42	81.95	81.74
8	74.01	77.93	79.81	80.93	81.36	81.20	80.61	79.76	78.89	78.02	77.34	76.87	76.69
9	70.32	72.79	74.99	75.52	75.92	75.79	75.26	74.48	73.61	72.79	72.11	71.65	71.41
10	65.92	67.97	69.98	70.91	70.78	70.67	70.21	69.51	68.72	67.97	67.34	66.89	66.66
11	62.03	63.77	65.07	65.89	66.22	66.19	65.79	65.13	64.44	63.77	63.21	62.80	62.58
12	59.14	60.56	61.65	62.33	62.61	62.55	62.22	61.71	61.13	60.56	60.09	59.75	59.56
13	57.51	58.63	59.29	59.27	60.07	60.21	59.94	59.54	59.07	58.61	58.26	58.01	57.89
14	57.31	58.15	57.60	57.89	58.18	59.32	59.11	58.79	58.45	58.15	57.91	57.78	57.74
15	58.58	59.16	59.21	53.25	59.59	59.92	59.75	59.53	59.32	59.16	59.08	59.08	59.15
16	61.20	61.56	60.82	60.91	60.99	61.93	61.80	61.66	61.57	61.56	61.64	61.80	61.99
17	64.93	65.11	65.03	64.83	65.01	65.11	65.00	64.94	64.97	65.11	65.36	65.69	66.02
18	69.43	69.48	69.47	69.39	69.27	69.13	69.04	69.05	69.19	69.48	69.90	70.39	70.87
19	74.39	74.26	74.13	73.96	73.78	73.64	73.59	73.68	73.93	74.34	74.89	75.51	76.13
20	79.39	79.23	79.02	78.76	78.54	78.37	78.33	78.46	78.79	79.32	80.00	80.77	81.52
21	83.99	83.78	83.49	83.18	82.91	82.72	82.68	82.85	83.25	83.87	84.66	85.54	86.90
22	87.81	87.55	87.21	86.86	86.55	86.35	86.32	86.52	86.97	87.66	88.52	89.49	90.42
23	90.65	90.35	89.97	89.58	89.25	89.03	89.01	89.23	89.72	90.45	91.37	92.39	93.32
24	92.41	92.07	91.66	91.25	90.91	90.69	90.68	90.91	91.42	92.18	93.12	94.16	95.16
25	93.13	92.77	92.31	91.92	91.57	91.36	91.35	91.59	92.11	92.87	93.82	94.86	95.86
26	92.96	92.58	92.14	91.72	91.38	91.17	91.17	91.41	91.93	92.68	93.61	94.64	95.62

TABLE 3.12 LOCAL ELEVATION TABLE 8

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	109.82	112.55	115.36	118.22	121.02	123.70	126.22	128.52	133.70	132.38	136.99	135.11	136.03
2	113.38	116.72	119.94	122.91	125.55	127.81	129.68	134.56	139.43	140.26	141.09	138.07	135.05
3	108.28	108.55	110.80	114.93	120.80	127.55	130.83	124.22	122.26	117.91	122.54	124.91	132.08
4	91.21	91.15	93.31	97.63	103.51	110.40	109.56	108.73	105.76	104.74	106.03	110.93	119.54
5	73.20	72.36	74.21	78.74	84.69	87.91	86.11	88.80	92.92	95.51	96.39	100.93	109.23
6	54.53	52.35	53.59	58.60	65.60	68.17	67.95	71.98	80.01	88.22	90.95	95.27	103.37
7	36.01	31.67	31.96	37.17	46.79	54.38	56.00	61.50	70.70	83.31	89.82	94.08	102.07
8	21.99	12.10	10.87	16.88	31.36	43.33	51.66	58.39	68.58	82.25	93.19	97.49	105.96
9	14.84	4.11	.00	8.00	22.48	38.20	51.07	60.57	77.13	88.51	103.98	104.99	111.19
10	15.27	4.05	1.25	6.95	20.99	36.38	51.76	69.67	89.71	103.41	117.11	112.72	108.36
11	23.36	15.81	13.98	17.66	27.04	40.25	54.75	69.94	88.90	100.52	109.63	105.45	104.54
12	37.09	31.36	29.61	32.16	38.72	49.24	61.75	75.41	89.76	102.43	102.42	101.78	100.93
13	54.30	49.23	47.90	49.03	53.98	62.13	72.61	84.55	95.98	99.67	99.24	98.56	97.68
14	73.86	69.20	67.22	68.09	71.74	78.06	86.16	95.49	97.27	97.37	96.72	95.88	94.90
15	95.38	91.04	88.92	89.15	91.70	95.94	97.88	97.14	96.92	95.98	94.96	93.84	92.71
16	107.51	106.43	105.19	103.85	102.44	101.00	100.10	98.59	97.06	95.53	94.01	92.55	91.21
17	112.86	111.83	110.48	108.85	106.98	104.92	102.72	100.46	98.19	95.98	93.92	92.07	90.51
18	118.21	117.22	115.77	113.91	111.63	109.00	106.12	103.12	100.13	97.27	94.67	92.95	90.69
19	123.61	122.78	121.35	119.28	116.62	113.96	109.96	106.33	102.71	99.28	96.23	93.69	91.77
20	128.91	127.77	126.42	124.30	121.44	117.95	114.00	109.80	105.74	101.91	98.53	95.78	93.76
21	132.24	131.79	130.56	128.49	125.58	121.96	117.81	113.38	109.10	105.07	101.55	98.71	96.69
22	134.86	134.58	133.51	131.57	128.77	125.23	121.13	116.74	112.49	108.52	105.05	102.29	100.32
23	136.20	136.06	135.17	133.44	130.89	127.62	123.82	119.73	115.77	112.07	108.87	106.34	104.56
24	136.36	136.32	135.61	134.16	131.98	129.14	125.83	122.26	118.81	115.60	112.83	110.65	109.15
25	135.55	135.57	135.04	133.91	132.16	129.88	127.21	124.32	121.54	118.95	116.73	115.01	113.84
26	134.06	134.10	133.79	132.93	131.66	130.00	128.04	125.92	123.88	122.00	120.40	119.17	118.36

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	136.65	136.97	136.99	136.74	136.22	135.48	134.55	133.47	132.31	131.14	130.01	128.97	128.05
2	135.37	135.57	135.64	135.54	135.27	134.82	134.17	133.35	132.40	131.35	130.28	129.24	128.26
3	133.29	133.37	133.44	133.50	133.47	133.31	133.00	132.53	131.89	131.12	130.27	129.37	128.49
4	129.79	130.96	130.58	130.71	130.89	131.03	131.09	131.01	130.79	130.94	129.96	129.90	128.80
5	121.37	127.05	127.16	127.36	127.68	128.07	128.99	128.85	129.19	129.31	129.37	129.31	129.19
6	115.33	123.64	123.53	123.53	123.97	124.59	125.33	126.14	126.98	127.77	128.99	129.07	129.49
7	113.89	119.30	119.18	119.37	119.88	120.69	121.75	123.01	124.90	125.85	127.30	128.62	129.75
8	114.78	114.96	114.88	115.01	115.55	116.51	117.86	119.55	121.50	123.61	125.80	127.90	129.78
9	111.96	110.90	110.55	110.60	111.14	112.20	113.79	115.87	118.39	121.08	123.96	126.83	129.44
10	107.47	106.74	106.30	106.27	106.78	107.92	109.70	112.09	115.01	118.30	121.78	125.31	128.58
11	103.60	102.75	102.23	102.14	102.63	103.80	105.72	108.36	111.61	115.32	119.26	123.31	127.09
12	99.98	99.09	98.46	98.33	98.80	100.01	102.02	104.80	108.26	112.21	116.43	120.79	124.88
13	96.70	95.79	95.14	94.97	95.45	96.67	98.71	101.59	105.05	109.07	113.36	117.79	121.95
14	93.88	92.97	92.35	92.19	92.68	93.92	95.93	98.70	102.12	106.02	110.18	114.42	118.41
15	91.63	90.75	90.20	90.13	90.66	91.88	93.83	96.46	99.67	103.29	107.10	110.87	114.44
16	90.07	89.23	88.79	88.84	89.46	90.70	92.54	94.95	97.81	100.98	104.26	107.48	110.43
17	89.31	88.53	88.22	88.41	89.13	90.36	92.07	94.19	96.62	99.22	101.86	104.39	106.68
18	89.44	88.73	88.55	88.89	89.70	90.91	92.46	94.25	96.18	98.16	100.09	101.88	103.45
19	90.50	89.87	89.83	90.31	91.18	92.36	93.71	95.14	96.57	97.91	99.13	100.19	101.05
20	92.50	91.97	92.06	92.63	93.55	94.69	95.79	96.86	97.79	98.54	99.11	99.49	99.73
21	95.41	94.97	95.15	95.79	96.70	97.70	98.62	99.35	99.84	100.06	100.07	99.90	99.46
22	99.16	98.75	99.01	99.67	100.52	101.38	102.08	102.50	102.61	102.42	101.99	101.43	100.83
23	103.55	103.22	103.43	104.07	104.83	105.53	106.01	106.17	105.98	105.48	104.77	103.96	103.19
24	108.33	108.09	108.30	108.78	109.42	109.95	110.22	110.16	109.75	109.07	108.21	107.32	106.52
25	113.22	113.07	113.28	113.67	114.15	114.49	114.57	114.31	113.74	112.95	112.07	111.22	110.53
26	117.96	117.90	118.07	118.38	118.70	118.87	118.78	118.41	117.79	116.99	116.20	115.52	115.07

TABLE 3.13 LOCAL ELEVATION TABLE

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	9.32	9.38	9.47	9.59	9.73	9.87	9.97	10.00	9.93	9.76	9.45	9.05	8.55
2	9.35	9.41	9.51	9.64	9.79	9.93	10.03	10.06	10.00	9.81	9.49	9.08	8.56
3	9.39	9.44	9.53	9.64	9.77	9.90	9.99	10.01	9.95	9.79	9.52	9.16	8.72
4	9.42	9.46	9.51	9.59	9.66	9.74	9.80	9.81	9.78	9.68	9.51	9.29	9.04
5	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.48	9.53
6	9.50	9.44	9.36	9.26	9.15	9.06	8.99	8.98	9.04	9.18	9.41	9.74	10.17
7	9.55	9.43	9.25	9.02	8.78	8.57	8.43	8.40	8.53	8.84	9.35	10.07	10.97
8	9.61	9.43	9.14	8.77	8.38	8.09	7.82	7.78	7.98	8.48	9.30	10.44	11.88
9	9.71	9.46	9.06	8.56	8.02	7.55	7.24	7.18	7.46	8.14	9.27	10.84	12.81
10	9.84	9.53	9.04	8.42	7.75	7.14	6.76	6.69	7.03	7.88	9.29	11.25	13.71
11	10.02	9.66	9.10	8.38	7.61	6.90	6.45	6.37	6.77	7.76	9.38	11.65	14.50
12	10.25	9.86	9.25	8.47	7.63	6.86	6.38	6.29	6.73	7.80	9.56	12.03	15.13
13	10.52	10.12	9.49	8.70	7.84	7.06	6.56	6.47	6.92	8.02	9.83	12.36	15.54
14	10.81	10.41	9.81	9.04	8.20	7.47	6.99	6.90	7.33	8.40	10.15	12.61	15.70
15	11.10	10.73	10.16	9.44	8.68	8.03	7.60	7.52	7.91	8.89	10.50	12.74	15.57
16	11.31	11.00	10.51	9.88	9.29	8.68	8.30	8.23	8.57	9.41	10.79	12.72	15.16
17	11.38	11.14	10.75	10.25	9.73	9.29	8.99	8.93	9.21	9.87	10.97	12.51	14.46
18	11.27	11.09	10.81	10.45	10.08	9.76	9.54	9.50	9.70	10.18	10.97	12.08	13.49
19	10.91	10.80	10.63	10.41	10.18	9.98	9.84	9.82	9.99	10.24	10.73	11.42	12.29
20	10.30	10.25	10.17	10.07	9.97	9.88	9.82	9.81	9.87	10.00	10.22	10.53	10.92
21	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45
22	8.45	8.48	8.54	8.60	8.67	8.74	8.79	8.81	8.77	8.68	8.53	8.31	8.09
23	7.44	7.48	7.56	7.65	7.76	7.85	7.93	7.95	7.90	7.77	7.56	7.26	6.87
24	6.58	6.63	6.72	6.83	6.95	7.06	7.13	7.16	7.11	6.96	6.72	6.37	5.92
25	6.03	6.07	6.15	6.26	6.37	6.47	6.54	6.56	6.51	6.38	6.15	5.83	5.40
26	5.94	5.98	6.04	6.12	6.21	6.29	6.35	6.37	6.33	6.22	6.04	5.78	5.44

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	7.96	7.31	6.65	6.01	5.42	4.92	4.52	4.26	4.13	4.18	4.29	4.56	4.96
2	7.95	7.30	6.62	5.95	5.39	4.82	4.40	4.11	3.96	3.96	4.09	4.36	4.75
3	8.21	7.65	7.08	6.52	6.00	5.55	5.19	4.93	4.80	4.78	4.89	5.10	5.43
4	8.76	8.44	8.12	7.80	7.50	7.24	7.04	6.89	6.81	6.80	6.86	6.98	7.16
5	9.60	9.67	9.74	9.82	9.89	9.95	10.00	10.04	10.07	10.08	10.07	10.05	10.02
6	10.71	11.30	11.91	12.52	13.08	13.58	13.99	14.29	14.46	14.52	14.44	14.24	13.92
7	12.03	13.24	14.50	15.74	16.91	17.93	18.77	19.39	19.76	19.86	19.71	19.30	18.65
8	13.56	15.39	17.33	19.27	21.09	22.69	24.00	24.97	25.56	25.73	25.50	24.87	23.87
9	15.12	17.65	20.29	22.96	25.46	27.67	29.49	30.83	31.69	31.89	31.58	30.72	29.34
10	16.58	19.74	23.04	26.37	29.49	32.26	34.59	36.22	37.25	37.57	37.20	36.13	34.42
11	17.83	21.48	25.31	29.17	32.80	36.01	38.66	40.63	41.83	42.22	41.79	40.56	38.59
12	18.75	22.72	26.89	31.09	35.05	38.56	41.46	43.62	44.94	45.38	44.92	43.58	41.92
13	19.26	23.34	27.62	31.95	36.03	39.65	42.64	44.88	46.25	46.72	46.25	44.88	42.64
14	19.31	23.28	27.44	31.65	35.62	39.16	42.09	44.28	45.63	46.10	45.65	44.31	42.12
15	18.88	22.52	26.34	30.21	33.87	37.13	39.84	41.87	43.14	43.58	43.18	41.94	39.90
16	18.00	21.14	24.43	27.77	30.99	33.77	36.13	37.90	39.01	39.41	39.07	37.99	36.21
17	16.73	19.24	21.87	24.55	27.09	29.38	31.29	32.73	33.65	33.98	33.71	32.84	31.38
18	15.13	16.95	18.86	20.81	22.67	24.35	25.75	26.83	27.51	27.76	27.57	26.93	25.85
19	13.31	14.45	15.64	16.90	18.09	19.17	20.08	20.78	21.22	21.39	21.27	20.86	20.15
20	11.38	11.93	12.54	13.16	13.74	14.27	14.72	15.06	15.28	15.37	15.31	15.10	14.75
21	9.52	9.59	9.67	9.74	9.81	9.87	9.91	9.95	9.97	9.97	9.96	9.94	9.91
22	7.83	7.53	7.21	6.88	6.55	6.25	5.98	5.77	5.62	5.55	5.58	5.70	5.93
23	6.40	5.68	5.31	4.93	4.56	4.62	3.19	2.75	2.48	2.35	2.39	2.62	3.02
24	5.38	4.77	4.11	3.42	2.73	2.07	1.48	1.00	.66	.49	.54	.81	1.32
25	4.89	4.31	3.67	2.99	2.31	1.64	1.04	.54	.18	.00	.09	.32	.85
26	5.03	4.55	4.02	3.46	2.87	2.30	1.77	1.32	.99	.82	.84	1.09	1.58

TABLE 3.14 LOCAL ELEVATION TABLE 10

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	24.11	27.34	30.36	33.06	35.36	37.24	38.69	39.71	40.35	40.64	40.64	40.39	39.96
2	19.79	22.70	25.68	28.67	31.54	34.19	36.52	38.44	39.89	40.82	41.22	41.13	40.63
3	15.07	17.65	20.57	23.75	27.06	30.44	33.63	36.45	38.72	40.31	41.17	41.30	40.80
4	10.40	12.61	15.41	18.73	22.42	26.31	30.23	33.83	36.84	39.07	40.40	40.81	40.41
5	6.31	8.12	10.72	14.04	17.94	22.18	26.53	30.70	34.30	37.07	38.84	39.59	39.42
6	3.11	4.53	6.85	10.03	13.91	18.25	22.76	27.20	31.16	34.32	36.49	37.63	37.83
7	.98	2.04	4.01	6.88	10.51	14.68	19.09	23.47	27.54	30.92	33.42	34.97	35.67
8	.00	.71	2.28	4.70	7.86	11.59	15.63	19.69	23.59	27.01	29.74	31.72	33.00
9	.08	.48	1.60	3.46	5.99	9.05	12.46	16.01	19.49	22.76	25.63	28.01	29.92
10	1.01	1.14	1.81	3.04	4.81	7.05	9.67	12.52	15.49	18.45	21.30	24.02	26.55
11	2.52	2.43	2.66	3.23	4.20	5.56	7.29	9.36	11.71	14.31	17.10	20.02	23.05
12	4.34	4.06	3.87	3.83	4.02	4.50	5.35	6.62	8.33	10.50	13.13	16.19	19.60
13	6.18	5.72	5.15	4.57	4.10	3.82	3.88	4.40	5.48	7.21	9.62	12.68	16.27
14	7.71	7.13	6.30	5.29	4.28	3.42	2.86	2.77	3.31	4.61	6.71	9.60	13.17
15	8.74	8.08	7.09	5.83	4.98	3.25	2.27	1.75	1.86	2.75	4.50	7.08	10.40
16	9.20	8.50	7.46	6.13	4.65	3.26	2.09	1.32	1.14	1.68	3.03	5.18	8.06
17	9.13	8.45	7.45	6.20	4.81	3.49	2.32	1.47	1.10	1.35	2.29	3.92	6.20
18	8.65	8.03	7.18	6.14	5.03	3.91	2.90	2.12	1.69	1.70	2.23	3.30	4.89
19	7.93	7.43	6.81	6.10	5.32	4.53	3.80	3.19	2.77	2.61	2.75	3.25	4.11
20	7.16	6.86	6.52	6.15	5.75	5.34	4.93	4.54	4.19	3.90	3.71	3.66	3.82
21	6.47	6.40	6.37	6.36	6.35	6.32	6.23	6.07	5.79	5.41	4.93	4.43	3.97
22	5.92	6.14	6.43	6.77	7.12	7.42	7.62	7.67	7.48	7.02	6.30	5.41	4.48
23	5.54	6.09	6.71	7.37	8.02	8.58	9.02	9.20	9.05	8.54	7.66	6.50	5.23
24	5.31	6.22	7.17	8.11	9.00	9.75	10.28	10.51	10.35	9.79	8.83	7.56	6.11
25	5.14	6.45	7.74	8.93	9.98	10.79	11.32	11.49	11.28	10.66	9.68	8.40	6.99
26	4.89	6.65	8.27	9.67	10.78	11.57	12.01	12.07	11.75	11.08	10.10	8.91	7.66

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	39.40	38.77	38.15	37.58	37.11	36.81	36.74	36.97	37.55	38.53	39.96	41.86	44.17
2	39.82	38.85	37.94	37.18	36.70	36.61	37.00	37.89	39.30	41.19	43.49	46.10	48.95
3	39.82	38.60	37.51	36.65	36.23	36.42	37.31	38.92	41.18	43.98	47.14	50.50	53.95
4	39.41	38.09	36.95	36.11	35.85	36.37	37.76	40.02	43.04	46.61	50.50	54.56	58.41
5	38.58	37.37	36.35	35.69	35.68	36.55	38.39	41.17	44.74	48.85	53.26	57.70	61.74
6	37.34	36.47	35.79	35.46	35.80	37.01	39.19	42.30	46.16	50.50	55.10	59.58	63.53
7	35.72	35.41	35.26	35.43	36.19	37.74	40.14	43.34	47.19	51.41	55.83	60.00	63.59
8	33.75	34.20	34.79	35.53	36.77	38.61	41.10	44.20	47.74	51.54	55.42	58.97	61.95
9	31.47	32.79	34.13	35.62	37.37	39.47	41.99	44.75	47.77	50.92	53.96	56.66	58.86
10	28.91	31.15	33.32	35.53	37.77	40.09	42.47	44.89	47.30	49.58	51.69	53.37	54.70
11	26.14	29.23	32.24	35.14	37.86	40.37	42.63	44.60	46.26	47.65	48.71	49.48	49.97
12	23.23	26.98	30.71	34.21	37.34	39.99	42.10	43.65	44.68	45.24	45.44	45.47	45.38
13	20.24	24.41	28.63	32.55	35.97	38.73	40.73	41.97	42.52	42.50	42.16	41.70	41.17
14	17.22	21.54	25.98	30.11	33.68	36.49	38.45	39.55	39.87	39.58	39.05	38.35	37.65
15	14.27	18.96	22.81	26.91	30.47	33.31	35.30	36.49	36.82	36.69	36.21	35.62	35.05
16	11.50	15.29	19.25	23.10	26.52	29.33	31.43	32.80	33.51	33.78	33.76	33.59	33.42
17	9.01	12.19	15.55	18.91	22.07	24.83	27.09	28.84	30.12	31.06	31.72	32.22	32.67
18	6.94	9.35	12.01	14.79	17.56	20.21	22.68	24.89	26.85	28.57	30.07	31.40	32.60
19	5.33	6.90	8.79	10.95	13.33	15.87	18.50	21.17	23.81	26.35	28.75	30.95	32.92
20	4.29	4.99	6.11	7.65	9.62	12.02	14.80	17.87	21.13	24.44	27.67	30.70	33.45
21	3.69	3.71	4.19	5.12	6.71	8.95	11.81	15.18	18.92	22.84	26.71	30.47	33.78
22	3.65	3.09	2.99	3.50	4.76	6.83	9.68	13.21	17.23	21.50	25.82	29.97	33.59
23	4.09	3.11	2.43	2.82	3.81	5.69	8.43	11.99	16.00	20.36	24.83	29.05	32.70
24	4.78	3.68	3.04	3.05	3.85	5.53	8.07	11.36	15.19	19.33	23.61	27.59	30.97
25	5.69	4.61	3.96	3.91	4.58	6.05	8.30	11.22	14.82	18.28	22.05	25.51	28.41
26	6.52	5.60	5.07	5.05	5.65	6.90	8.78	11.21	14.01	17.01	20.06	22.81	25.06

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TABLE 3.15 LOCAL ELEVATION TABLE 11

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	37.19	35.97	34.87	34.01	33.60	33.79	34.68	36.29	38.55	41.34	44.51	47.87	51.31
2	36.78	35.46	34.31	33.48	33.22	33.74	35.13	37.39	40.41	43.98	47.87	51.93	55.78
3	35.94	34.79	33.72	33.06	33.05	33.92	35.76	38.53	42.11	46.22	50.63	55.07	59.10
4	34.70	33.83	33.15	32.83	33.17	34.38	36.56	39.67	43.52	47.87	52.46	56.94	60.89
5	33.09	32.78	32.63	32.80	33.56	35.10	37.50	40.71	44.55	48.77	53.19	57.37	60.96
6	31.12	31.56	32.11	32.90	34.14	35.98	38.47	41.57	45.11	48.90	52.78	56.34	59.32
7	28.84	30.16	31.50	32.99	34.73	36.83	39.31	42.12	45.19	48.28	51.33	54.03	56.22
8	26.28	28.52	30.69	32.89	35.14	37.46	39.84	42.26	44.67	46.95	49.01	50.74	52.07
9	23.50	26.59	29.61	32.51	35.23	37.74	40.00	41.97	43.65	45.02	46.08	46.85	47.34
10	20.60	24.35	28.08	31.58	34.71	37.36	39.47	41.02	42.05	42.61	42.81	42.84	42.74
11	17.61	21.78	26.00	29.92	33.34	36.10	38.10	39.34	39.89	39.87	39.53	39.06	38.53
12	14.59	18.91	23.34	27.47	31.04	33.86	35.82	36.92	37.24	36.95	36.41	35.72	35.02
13	11.64	15.83	20.17	24.27	27.84	30.68	32.67	33.81	34.19	34.01	33.58	32.99	32.42
14	8.87	12.65	16.62	20.46	23.89	26.70	28.80	30.17	30.88	31.14	31.13	30.95	30.79
15	6.38	9.56	12.92	16.28	19.44	22.20	24.46	26.20	27.49	28.43	29.09	29.59	30.04
16	4.30	6.72	9.38	12.16	14.93	17.58	20.04	22.26	24.22	25.94	27.44	28.77	29.97
17	2.70	4.27	6.16	8.32	10.70	13.24	15.87	18.54	21.18	23.72	26.12	28.32	30.29
18	1.61	2.35	3.48	5.02	6.99	9.39	12.17	15.24	18.50	21.81	25.04	28.07	30.82
19	1.06	1.07	1.51	2.49	4.08	6.32	9.18	12.55	16.29	20.21	24.08	27.83	31.14
20	1.02	.96	.36	.87	2.13	4.20	7.05	10.57	14.59	18.87	23.19	27.34	30.96
21	1.91	.97	.00	.18	1.18	3.05	5.80	9.31	13.37	17.73	22.20	26.42	30.06
22	2.14	1.05	.91	.92	1.22	2.90	5.44	8.72	12.56	16.69	20.98	24.96	28.34
23	3.05	1.98	1.33	1.27	1.95	3.42	5.67	8.56	11.99	15.65	19.42	22.88	25.78
24	3.89	2.97	2.44	2.42	3.01	4.27	6.15	8.57	11.38	14.38	17.42	20.18	22.43
25	4.43	3.76	3.42	3.49	4.03	5.05	6.53	8.38	10.98	13.71	14.92	16.86	18.41
26	4.47	4.07	3.95	4.12	4.62	5.41	6.46	7.71	9.08	10.50	11.84	12.99	13.85

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	54.59	57.57	60.19	62.42	64.28	65.84	67.15	68.28	69.26	70.10	70.78	71.25	71.43
2	59.19	62.01	64.19	65.75	66.79	67.43	67.84	68.19	68.47	68.83	69.21	69.59	69.85
3	62.48	65.05	66.77	67.69	67.98	67.82	67.43	67.08	66.82	66.74	66.83	67.09	72.47
4	64.06	66.28	67.53	67.91	67.59	66.81	65.82	64.93	64.21	63.76	63.83	64.06	61.92
5	63.72	65.51	66.34	66.29	65.56	64.37	63.01	61.77	60.72	60.10	60.80	56.15	45.68
6	61.52	62.85	63.30	62.96	62.01	60.65	59.15	57.75	56.54	57.25	58.14	43.79	30.75
7	57.77	58.61	58.75	58.27	57.29	55.98	54.53	53.16	51.92	50.77	46.11	30.35	18.45
8	52.93	53.31	53.22	52.72	51.87	50.79	49.60	48.39	47.29	46.25	35.72	21.18	9.11
9	47.60	47.65	47.47	47.09	46.51	45.78	44.92	43.97	42.99	42.03	29.97	15.29	3.06
10	42.57	42.36	42.13	41.89	41.60	41.22	40.71	40.06	39.28	38.40	27.77	12.98	.61
11	38.06	37.73	37.56	37.51	37.51	37.47	37.30	36.99	36.36	35.58	30.72	14.98	1.99
12	34.48	34.18	34.13	34.29	34.56	34.81	34.92	34.79	34.38	34.72	35.58	20.45	7.35
13	32.03	31.91	32.06	32.41	32.91	33.35	33.69	33.66	33.36	32.76	33.58	27.34	16.71
14	30.76	30.94	31.34	31.89	32.49	33.03	33.38	33.45	33.20	32.65	32.01	31.22	28.09
15	30.53	31.10	31.75	32.49	33.08	33.60	33.90	33.92	33.66	33.13	32.49	31.95	30.32
16	31.06	32.05	32.95	33.72	34.32	34.71	34.86	34.77	34.45	33.93	33.30	32.75	32.35
17	31.99	33.41	34.57	35.38	35.89	36.11	36.05	35.77	35.32	34.77	34.23	33.78	33.50
18	33.12	34.92	36.18	36.95	37.26	37.20	36.86	36.33	35.72	35.16	34.67	34.32	34.15
19	33.85	35.87	37.17	37.81	37.87	37.51	36.86	36.09	35.37	34.79	34.27	34.01	33.94
20	33.84	35.93	37.15	37.60	37.40	36.73	35.80	34.83	33.96	33.27	32.82	32.62	32.65
21	32.92	34.87	35.91	36.11	35.69	34.71	33.54	32.42	31.43	30.69	30.25	30.10	30.20
22	30.93	32.62	33.38	33.33	32.63	31.49	30.16	28.93	27.88	27.10	26.67	26.55	26.68
23	27.93	29.23	29.69	29.39	28.51	27.26	25.88	24.61	23.54	22.76	22.33	22.23	22.37
24	24.03	24.90	25.06	24.57	23.61	22.34	21.01	19.79	18.77	18.09	17.63	17.52	17.65
25	19.43	19.89	19.80	19.23	18.29	17.21	16.06	14.99	14.10	13.47	13.11	13.03	13.15
26	14.36	14.49	14.29	13.83	13.15	12.33	11.47	10.66	9.99	9.99	9.20	9.18	9.16

TABLE 3.16 LOCAL ELEVATION TABLE 12

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	6.37	6.10	5.71	5.23	4.70	4.23	3.92	3.93	4.39	5.42	7.11	9.49	12.49
2	5.09	4.75	4.53	4.41	4.44	4.67	5.15	5.95	7.13	8.71	10.73	13.15	15.91
3	3.94	3.71	3.74	4.07	4.74	5.76	7.10	8.76	10.70	12.88	15.24	17.71	20.21
4	3.14	3.05	3.40	4.25	5.59	7.39	9.59	12.08	14.75	17.51	20.22	22.74	24.98
5	2.63	2.72	3.40	4.73	6.49	9.22	12.20	15.45	18.85	22.18	25.21	27.79	29.83
6	2.41	2.68	3.65	5.38	7.84	10.95	14.53	18.38	22.36	26.12	29.42	32.08	33.99
7	2.50	2.91	4.09	6.07	8.85	12.31	16.27	20.49	24.84	28.88	32.36	35.10	36.98
8	2.88	3.38	4.64	6.72	9.59	13.19	17.19	21.51	25.96	30.09	33.67	36.49	38.45
9	3.51	4.03	5.25	7.23	9.95	13.32	17.18	21.31	25.59	29.63	33.19	36.10	38.24
10	4.33	4.80	5.86	7.57	9.92	12.86	16.26	19.94	23.78	27.55	31.00	33.97	36.37
11	5.25	5.61	6.41	7.70	9.52	11.82	14.54	17.58	20.80	24.11	27.39	30.36	33.06
12	6.17	6.38	6.85	7.65	8.81	10.35	12.26	14.51	17.04	19.79	22.70	25.68	28.67
13	6.99	7.03	7.16	7.43	7.91	8.65	9.70	11.10	12.89	15.07	17.66	20.57	23.75
14	7.67	7.53	7.31	7.08	6.92	6.90	7.14	7.73	8.79	10.40	12.61	15.41	18.73
15	8.07	7.82	7.35	6.70	6.02	5.39	4.95	4.85	5.25	6.31	8.12	10.72	14.04
16	8.19	7.83	7.21	6.30	5.29	4.22	3.27	2.64	2.52	3.11	4.53	6.85	10.03
17	7.89	7.57	6.90	5.92	4.79	3.45	2.22	1.25	.77	.98	2.04	4.01	6.88
18	7.36	7.10	6.50	5.59	4.99	3.13	1.83	.73	.06	.00	.71	2.28	4.70
19	6.66	6.50	6.07	5.36	4.38	3.29	2.07	1.03	.31	.08	.48	1.60	3.46
20	5.95	5.93	5.71	5.25	4.57	3.73	2.83	1.98	1.33	1.01	1.19	1.81	3.04
21	5.34	5.45	5.45	5.30	4.97	4.51	3.95	3.37	2.86	2.52	2.43	2.66	3.23
22	4.92	5.15	5.36	5.50	5.53	5.45	5.25	4.99	4.66	4.34	4.06	3.87	3.83
23	4.77	5.09	5.47	5.86	6.19	6.47	6.63	6.65	6.50	6.18	5.72	5.15	4.57
24	4.93	5.30	5.79	6.34	6.90	7.43	7.83	8.04	8.01	7.71	7.13	6.30	5.29
25	5.39	5.76	6.29	6.90	7.58	8.22	8.72	9.02	9.09	8.74	8.08	7.09	5.83
26	6.11	6.45	6.93	7.51	8.15	8.76	9.24	9.53	9.53	9.20	8.50	7.46	6.13

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	15.99	19.79	23.62	27.29	30.38	32.85	34.51	35.35	35.46	35.05	34.37	33.75	33.48
2	18.91	21.98	24.97	27.70	30.01	31.77	32.93	33.48	33.52	33.21	32.76	32.38	32.32
3	22.68	25.00	27.11	28.93	30.39	31.45	32.12	32.92	32.93	32.29	32.06	31.94	32.07
4	26.90	28.99	29.77	30.73	31.39	31.80	32.03	32.11	32.12	32.11	32.19	32.26	32.53
5	31.30	32.23	32.70	32.85	32.89	32.71	32.56	32.47	32.48	32.61	32.83	33.13	33.47
6	35.15	35.69	35.57	35.13	34.53	34.01	33.59	33.36	33.36	33.57	33.90	34.29	34.66
7	38.01	38.28	37.95	37.29	36.37	35.61	35.02	34.69	34.69	34.89	35.18	35.60	35.92
8	39.55	39.88	39.59	38.89	38.03	37.25	36.63	36.26	36.19	36.29	36.47	36.76	36.93
9	39.60	40.29	40.29	39.92	39.33	38.72	38.20	37.82	37.61	37.55	37.56	37.61	37.55
10	38.19	39.33	39.98	40.21	40.19	39.89	39.55	39.22	38.91	38.62	38.35	38.06	37.73
11	35.36	37.29	38.69	39.71	40.35	40.69	40.69	40.39	39.96	39.40	38.77	38.15	37.58
12	31.54	34.19	36.52	38.49	39.89	40.82	41.22	41.13	40.63	39.82	38.85	37.99	37.18
13	27.06	30.49	33.63	36.45	38.72	40.31	41.17	41.30	40.80	39.82	38.60	37.51	36.65
14	22.42	26.31	30.23	33.83	36.89	39.07	40.90	40.81	40.41	39.41	38.09	36.95	36.11
15	17.94	22.18	26.53	30.70	34.30	37.07	38.89	39.59	39.42	38.58	37.37	36.35	35.69
16	13.91	18.25	22.76	27.20	31.16	34.32	36.99	37.63	37.83	37.39	36.47	35.79	35.46
17	10.51	14.68	19.09	23.97	27.59	30.92	33.92	34.97	35.67	35.72	35.41	35.26	35.43
18	7.86	11.59	15.63	19.69	23.59	27.01	29.74	31.72	33.00	33.75	34.20	34.74	35.53
19	5.99	9.05	12.96	16.91	19.49	22.76	25.43	28.01	29.92	31.97	32.79	34.13	35.62
20	4.81	7.05	9.67	12.52	15.49	18.45	21.30	24.02	26.55	28.91	31.15	33.32	35.53
21	4.20	5.56	7.29	9.36	11.71	14.31	17.10	20.02	23.05	26.19	29.23	32.29	35.19
22	4.02	4.50	5.35	6.62	8.33	10.50	13.13	16.19	19.60	23.23	26.98	30.71	34.21
23	4.10	3.82	3.88	4.90	5.48	7.21	9.62	12.68	16.27	20.29	24.41	28.63	32.55
24	4.28	3.42	2.86	2.77	3.31	4.41	6.71	9.60	13.17	17.22	21.54	25.98	30.11
25	4.48	3.25	2.27	1.75	1.86	2.75	4.50	7.08	10.90	14.27	18.46	22.81	26.91
26	4.65	3.26	2.09	1.32	1.19	1.68	3.03	5.18	8.06	11.50	15.29	19.25	23.10

TABLE 3.17 LOCAL ELEVATION TABLE 13

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	53.93	53.44	53.35	53.81	54.97	56.91	59.62	63.01	66.91	71.12	75.38	79.46	83.12
2	54.52	54.25	54.40	55.12	56.51	58.64	61.48	64.94	68.86	73.04	77.23	81.22	84.80
3	55.55	55.82	56.51	57.73	59.52	61.91	64.86	68.27	72.00	75.88	79.71	83.33	86.42
4	57.02	58.00	59.44	61.33	63.65	66.34	69.35	72.59	75.94	79.28	82.54	85.61	88.34
5	58.78	60.67	62.96	65.58	68.42	71.40	74.43	77.43	80.30	83.00	85.48	87.72	89.68
6	60.66	63.45	66.62	69.97	73.42	76.70	79.68	82.29	84.52	86.39	87.95	89.26	90.39
7	62.51	66.09	69.98	74.03	77.88	81.29	84.12	86.29	87.86	88.89	89.54	89.95	90.25
8	64.21	68.33	72.74	77.18	81.21	84.59	87.16	88.87	89.80	90.09	89.93	89.54	89.18
9	65.63	69.97	74.57	79.05	83.00	86.16	88.39	89.64	90.02	89.70	88.92	87.93	87.04
10	66.66	70.88	75.30	79.48	83.06	85.82	87.62	88.45	88.40	87.66	86.48	85.12	83.87
11	67.22	71.01	75.39	78.95	81.43	83.63	84.96	85.90	85.07	84.12	82.76	81.25	79.86
12	67.25	70.39	73.43	76.14	78.33	79.88	80.72	80.86	80.37	79.40	78.09	76.64	75.26
13	66.77	69.06	71.12	72.85	74.18	75.09	75.42	75.33	74.83	73.98	72.89	71.70	70.50
14	65.75	67.12	68.19	68.96	69.45	69.71	69.76	69.58	69.19	68.62	67.89	67.03	66.08
15	64.15	64.72	64.92	64.94	64.85	64.67	64.46	64.29	64.00	63.71	63.32	62.82	62.17
16	62.00	61.98	61.64	61.17	60.64	60.17	59.84	59.67	59.61	59.62	59.58	59.41	59.05
17	59.35	59.06	58.52	57.82	57.13	56.59	56.29	56.24	56.40	56.67	56.92	57.03	56.90
18	56.30	56.11	55.69	55.09	54.53	54.14	54.02	54.17	54.54	55.01	55.46	55.75	55.77
19	52.99	53.25	53.23	53.06	52.90	52.87	53.05	53.44	53.99	54.60	55.13	55.49	55.56
20	49.60	50.54	51.19	51.69	52.15	52.64	53.21	53.86	54.55	55.19	55.71	56.01	56.03
21	46.33	48.04	49.55	50.88	52.07	53.16	54.16	55.06	55.83	56.42	56.82	56.96	56.88
22	43.28	45.83	48.23	50.43	52.40	54.10	55.54	56.67	57.49	58.00	58.21	58.16	57.88
23	40.61	43.92	47.14	50.17	52.92	55.23	57.02	58.29	59.05	59.37	59.30	58.96	58.44
24	38.40	42.31	46.19	49.94	53.25	55.96	57.98	59.28	59.91	59.98	59.62	58.97	58.19
25	36.70	40.98	45.30	49.45	53.07	55.97	58.04	59.26	59.70	59.50	58.84	57.90	56.94
26	35.48	39.84	44.31	48.53	52.17	55.03	56.98	58.02	58.22	57.75	56.82	55.65	54.53

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	86.17	88.59	90.20	90.98	91.02	90.41	89.32	87.90	86.28	84.65	83.22	82.19	81.65
2	87.84	90.19	91.72	92.45	92.42	91.75	90.55	88.99	87.25	85.48	83.99	82.72	82.00
3	89.40	91.51	92.91	93.57	93.54	92.90	91.73	90.16	88.34	86.50	84.81	83.41	82.49
4	90.63	92.39	93.58	94.19	99.21	93.67	92.63	91.17	89.40	87.50	85.72	84.16	83.03
5	91.39	92.66	93.62	94.16	94.25	93.89	93.05	91.79	90.16	88.31	86.48	84.83	83.55
6	91.36	92.21	92.89	93.36	93.54	93.37	92.80	91.80	91.62	91.19	88.20	85.27	83.94
7	90.58	90.93	91.31	91.69	91.96	96.70	91.69	92.38	93.07	94.06	90.00	86.92	84.23
8	88.93	88.84	88.93	89.15	99.58	100.03	90.36	81.59	77.63	75.53	75.42	77.46	84.85
9	86.32	85.87	85.94	86.17	89.03	78.65	68.28	62.82	59.26	57.59	57.92	60.90	65.22
10	82.83	82.21	82.91	78.25	67.79	58.91	51.19	46.09	42.88	41.74	42.65	45.74	51.16
11	78.65	79.36	80.24	65.89	52.85	43.47	36.36	31.97	28.73	28.19	29.72	33.54	39.69
12	74.03	72.88	68.21	52.96	40.56	31.11	24.07	19.39	17.05	17.02	19.31	23.92	30.88
13	69.35	68.35	57.82	43.28	31.22	21.67	14.63	10.13	8.19	8.65	11.43	17.03	24.81
14	65.09	64.14	52.08	37.40	25.17	15.99	8.93	4.09	2.35	3.33	6.93	13.06	21.59
15	61.38	60.51	49.88	35.09	22.71	12.90	5.79	1.98	.00	1.35	5.96	12.17	21.31
16	58.96	57.69	52.83	36.58	24.10	14.18	7.01	2.71	1.37	2.96	7.90	14.51	24.07
17	56.99	56.83	57.68	42.55	29.96	19.97	12.23	7.92	6.61	8.30	12.88	20.17	28.91
18	55.47	54.87	55.68	49.45	38.81	28.78	21.51	17.14	15.77	17.91	21.93	29.16	38.82
19	55.31	54.76	54.11	53.33	50.20	44.99	39.70	36.25	34.75	36.18	39.96	45.90	50.75
20	55.76	55.24	54.55	54.08	58.43	63.19	59.26	56.77	45.08	46.21	50.06	56.98	60.25
21	56.55	56.03	55.41	54.86	54.46	59.29	54.75	54.97	59.61	63.85	63.73	64.87	66.13
22	57.43	56.87	56.34	55.89	55.60	55.56	55.84	56.48	58.64	61.28	61.78	62.40	64.38
23	57.83	57.27	56.76	56.42	56.25	56.30	56.58	57.10	57.44	58.78	59.87	61.06	62.29
24	57.47	56.84	56.38	56.11	56.05	56.18	56.47	56.89	57.39	57.95	58.53	59.11	59.65
25	56.07	55.38	54.93	54.73	54.76	54.96	55.27	55.63	55.97	56.23	56.39	56.49	56.41
26	53.54	52.80	52.36	52.21	52.30	52.56	52.90	53.23	53.45	53.50	53.36	53.05	52.61

TABLE 3.18 LOCAL ELEVATION TABLE 14

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	89.54	89.95	90.25	90.58	90.93	91.31	91.69	91.96	96.70	91.69	92.38	93.07	94.06
2	89.93	89.54	89.18	88.93	88.84	88.93	89.15	94.58	100.03	90.36	81.59	77.63	75.53
3	88.92	87.93	87.04	86.32	85.87	85.94	86.17	84.03	78.65	68.28	62.82	59.26	57.59
4	86.48	85.12	83.87	82.83	82.21	82.91	78.25	67.79	58.41	51.19	46.09	42.88	41.74
5	82.76	81.25	79.86	78.65	79.16	80.24	65.89	52.85	43.47	36.36	31.47	28.73	28.14
6	78.09	76.64	75.26	74.03	72.88	68.21	52.46	40.56	31.11	24.07	19.39	17.05	17.02
7	72.89	71.70	70.50	69.35	68.35	57.82	43.28	31.22	21.67	14.63	10.13	8.14	8.85
8	67.89	67.03	66.08	65.09	64.14	52.08	37.40	25.17	15.49	8.43	4.09	2.35	3.33
9	63.32	62.82	62.17	61.38	60.51	49.88	35.09	22.71	12.90	5.79	1.98	.00	1.35
10	59.58	59.41	59.05	58.46	57.69	52.83	36.58	24.10	14.18	7.01	2.71	1.37	2.96
11	56.92	57.03	56.90	56.49	56.83	57.68	42.55	29.46	19.47	12.23	7.92	6.61	8.30
12	55.46	55.75	55.77	55.47	54.87	55.68	49.45	38.81	28.78	21.51	17.14	15.77	17.91
13	55.13	55.49	55.56	55.31	54.76	54.11	53.33	50.20	44.99	34.70	30.25	28.75	30.18
14	55.71	56.01	56.03	55.76	55.24	54.55	54.06	58.43	63.19	54.26	46.77	45.08	46.21
15	56.82	56.96	56.88	56.55	56.03	55.41	54.86	54.46	59.29	54.75	56.97	59.61	63.85
16	58.21	58.16	57.88	57.43	56.87	56.34	55.89	55.60	55.56	55.84	56.48	58.66	61.28
17	59.30	58.96	58.44	57.83	57.27	56.78	56.42	56.25	56.30	56.58	57.10	57.84	58.78
18	59.62	58.97	58.19	57.47	56.84	56.38	56.11	56.05	56.18	56.47	56.89	57.39	57.95
19	58.84	57.90	56.94	56.07	55.38	54.93	54.73	54.76	54.96	55.27	55.63	55.97	56.23
20	56.82	55.65	54.53	53.54	52.80	52.36	52.21	52.30	52.56	52.90	53.23	53.45	53.50
21	53.59	52.27	51.09	49.98	49.21	48.77	48.65	48.79	49.07	49.44	49.76	49.92	49.86
22	49.36	47.98	46.71	45.64	44.87	44.49	44.33	44.48	44.77	45.15	45.46	45.61	45.53
23	44.45	43.12	41.90	40.88	40.15	39.74	39.63	39.76	40.09	40.39	40.71	40.89	40.89
24	39.32	38.17	37.10	36.21	35.57	35.22	35.13	35.26	35.52	35.85	36.15	36.37	36.45
25	34.43	33.57	32.77	32.10	31.60	31.31	31.20	31.27	31.45	31.71	31.99	32.24	32.41
26	30.00	29.55	29.12	28.73	28.43	28.22	28.10	28.09	28.17	28.33	28.55	28.81	29.07

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	90.00	86.92	84.23	88.10	83.31	84.19	85.93	88.68	92.26	96.50	101.13	105.96	110.61
2	75.42	77.46	84.85	93.43	88.67	84.39	86.19	88.90	92.40	96.52	101.01	105.70	110.23
3	57.92	60.90	65.22	75.57	81.25	84.74	86.81	89.25	92.62	96.53	100.75	105.15	109.39
4	42.65	45.74	51.16	59.07	69.60	81.42	88.37	89.79	92.87	96.96	100.29	104.25	108.03
5	29.72	33.54	39.69	48.27	59.36	74.26	90.57	91.76	93.09	96.28	99.60	102.96	106.15
6	19.31	23.92	30.88	40.21	51.91	66.00	83.81	94.81	93.54	95.92	98.66	101.31	103.79
7	11.63	17.03	24.81	34.90	47.24	61.75	80.04	99.67	97.52	95.38	97.42	99.30	101.01
8	6.93	13.06	21.59	32.38	45.30	60.20	80.84	102.79	98.66	94.53	95.88	96.98	97.92
9	5.96	12.17	21.31	32.68	46.06	61.27	79.67	99.34	96.33	93.31	94.01	94.39	94.61
10	7.40	14.51	24.07	35.82	49.50	64.88	83.17	93.74	90.99	91.67	91.81	91.58	91.19
11	12.88	20.17	29.91	41.81	55.59	71.84	89.41	89.33	89.25	89.57	89.28	88.58	87.70
12	21.93	29.16	38.82	50.63	64.29	78.34	85.61	86.06	86.93	86.98	86.39	85.38	84.19
13	34.96	41.90	50.75	65.21	74.30	79.89	81.81	83.34	84.00	83.88	83.19	81.98	80.63
14	50.06	56.98	68.25	81.20	78.95	76.69	78.71	79.97	80.47	80.27	79.51	78.36	77.01
15	63.73	69.87	66.13	73.78	71.32	73.95	75.09	76.02	76.38	76.17	75.99	74.97	73.26
16	61.78	62.90	64.38	66.37	68.18	69.70	70.84	71.54	71.78	71.61	71.07	70.28	69.32
17	59.87	61.06	62.29	63.50	64.40	65.51	66.19	66.41	66.75	66.64	66.29	65.77	65.12
18	58.53	59.11	59.65	60.15	60.59	60.94	61.20	61.35	61.90	61.34	61.18	60.94	60.64
19	56.39	56.44	56.91	56.32	56.21	56.09	55.98	55.90	55.85	55.83	55.83	55.85	55.88
20	53.36	53.05	52.61	52.10	51.58	51.11	50.72	50.44	50.29	50.27	50.39	50.62	50.96
21	49.56	49.05	48.38	47.61	46.86	46.18	45.59	45.15	44.87	44.80	44.96	45.34	45.95
22	45.21	44.65	43.93	43.14	42.31	41.49	40.76	40.17	39.78	39.63	39.76	40.19	40.98
23	40.47	40.24	39.63	38.88	38.05	37.20	36.38	35.68	35.17	34.90	34.96	35.39	36.25
24	36.36	36.08	35.63	35.02	34.29	33.47	32.64	31.85	31.20	30.80	30.72	31.07	31.93
25	32.48	32.40	32.16	31.76	31.19	30.47	29.64	28.80	28.02	27.95	27.20	27.91	28.20
26	29.29	29.43	29.42	29.24	28.86	28.27	27.49	26.60	25.70	24.95	24.50	24.52	25.16

TABLE 3.19 LOCAL ELEVATION TABLE 1s

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	97.63	97.69	97.74	97.80	97.92	98.13	98.43	98.86	99.44	100.21	101.20	102.44	103.96
2	97.88	97.78	97.63	97.55	97.55	97.70	98.09	98.76	99.77	101.14	102.86	104.91	107.25
3	98.24	97.97	97.60	97.30	97.13	97.21	97.64	98.53	99.92	101.83	104.23	107.03	110.13
4	98.52	98.04	97.44	96.93	96.59	96.58	97.05	98.10	99.81	102.18	105.13	108.40	109.02
5	98.56	97.86	97.06	96.36	95.88	95.81	96.29	97.47	99.41	101.74	103.17	97.80	93.47
6	98.29	97.37	96.40	95.56	94.99	94.88	95.39	96.64	98.29	97.86	89.48	82.09	76.52
7	97.70	96.56	95.48	94.56	93.97	93.86	94.40	95.69	97.36	87.05	76.36	67.00	59.61
8	96.90	95.60	94.42	93.48	92.91	92.86	93.43	94.91	90.52	77.74	65.66	54.53	44.95
9	96.11	94.62	93.38	92.47	91.99	92.03	92.69	93.72	85.36	71.42	58.11	45.39	33.28
10	95.52	93.87	92.60	91.75	91.39	91.53	92.19	93.35	83.24	68.70	54.58	40.83	27.98
11	95.31	93.56	92.32	91.59	91.39	91.66	92.38	93.48	84.69	69.97	55.59	41.56	28.01
12	95.68	93.88	92.69	92.10	92.05	92.45	93.21	94.22	89.51	75.29	61.18	47.58	34.78
13	96.79	94.99	93.87	93.40	93.48	93.98	94.77	95.70	96.22	84.42	70.99	58.27	46.71
14	98.72	96.97	95.94	95.57	95.74	96.30	97.09	97.94	98.71	95.49	84.39	72.75	62.43
15	101.48	99.81	98.86	98.57	98.79	99.37	100.14	100.91	101.55	101.54	99.58	89.75	80.98
16	105.01	103.96	102.56	102.29	102.52	103.07	103.79	104.50	105.08	105.40	105.05	104.69	100.87
17	109.10	107.72	106.91	106.62	106.76	107.23	107.88	108.55	109.10	109.44	109.51	109.28	108.38
18	113.48	112.30	111.58	111.29	111.37	111.72	112.23	112.83	113.39	113.82	114.02	113.95	113.57
19	117.87	116.90	116.27	115.97	115.97	116.23	116.67	117.21	117.82	118.37	118.77	118.93	118.76
20	121.99	121.23	120.68	120.37	120.30	120.45	120.82	121.35	121.98	122.68	123.32	123.77	123.91
21	125.58	125.02	124.55	124.23	124.09	124.16	124.45	124.96	125.65	126.34	127.30	128.02	128.45
22	128.49	128.07	127.68	127.36	127.17	127.16	127.39	127.87	128.58	129.47	130.45	131.38	132.09
23	130.58	130.30	129.95	129.64	129.42	129.36	129.53	129.97	130.68	131.59	132.63	133.68	134.49
24	131.81	131.64	131.36	131.06	130.83	130.79	130.86	131.25	131.91	132.79	133.80	134.87	135.74
25	132.25	132.17	131.94	131.67	131.46	131.35	131.44	131.77	132.34	133.14	134.05	135.05	135.88
26	132.05	132.01	131.85	131.62	131.44	131.34	131.40	131.66	132.13	132.78	133.55	134.39	135.11

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	105.78	107.90	110.32	113.00	115.88	118.91	122.00	125.07	127.97	130.61	132.88	134.74	136.12
2	109.82	112.55	115.36	118.22	121.02	123.70	126.22	128.52	133.70	132.38	136.99	135.11	136.03
3	113.38	116.72	119.94	122.91	125.55	127.81	129.68	134.56	139.43	140.26	141.09	138.07	135.05
4	108.28	108.55	110.80	114.93	120.60	127.55	130.83	124.22	122.26	117.91	122.54	124.91	132.08
5	91.21	91.15	93.31	97.63	103.51	110.90	109.56	108.73	105.76	104.74	106.03	110.93	119.54
6	73.20	72.36	74.21	78.74	84.69	87.91	86.11	88.80	92.92	95.51	96.39	100.93	109.23
7	54.53	52.35	53.59	58.60	65.60	68.17	67.95	71.98	80.01	88.22	90.95	95.27	103.37
8	36.01	31.67	31.96	37.17	46.79	54.38	56.00	61.50	70.70	83.31	89.82	94.08	102.07
9	21.99	12.10	10.87	16.88	31.36	43.33	51.66	58.39	68.58	82.25	93.19	97.49	105.96
10	14.84	4.11	.00	8.00	22.48	38.20	51.07	60.57	77.13	88.51	103.98	109.99	111.19
11	15.27	4.05	1.25	6.95	20.99	36.38	51.76	69.67	89.71	103.41	117.11	112.72	108.36
12	23.36	15.81	13.98	17.66	27.09	40.25	54.75	69.94	88.90	100.52	109.63	105.45	104.54
13	37.09	31.36	29.61	32.16	38.72	49.29	61.75	75.41	89.76	102.43	102.42	101.78	100.93
14	54.30	49.23	47.90	49.03	53.98	62.13	72.61	84.55	95.98	99.67	99.29	98.56	97.68
15	73.86	69.20	67.22	68.09	71.79	78.06	86.16	95.49	97.27	97.37	96.72	95.88	94.90
16	95.38	91.04	88.92	89.15	91.70	95.49	97.88	97.14	96.92	95.98	94.96	93.84	92.71
17	107.51	106.93	105.19	103.85	102.99	101.00	100.10	98.59	97.06	95.53	94.01	92.55	91.21
18	112.86	111.83	110.98	108.85	106.98	104.92	102.72	100.96	98.19	95.98	93.92	92.07	90.51
19	118.21	117.22	115.77	113.91	111.63	109.00	106.12	103.12	100.13	97.27	94.67	92.95	90.69
20	123.61	122.78	121.35	119.28	116.62	113.96	109.96	106.33	102.71	99.26	96.23	93.69	91.77
21	128.91	127.77	126.92	124.30	121.99	117.95	114.00	109.80	105.74	101.91	98.53	95.78	93.76
22	132.24	131.79	130.56	128.99	125.58	121.96	117.81	113.38	109.10	105.07	101.55	98.71	96.69
23	134.86	134.58	133.51	131.57	128.77	125.23	121.13	116.74	112.49	108.52	105.05	102.29	100.32
24	136.20	136.06	135.17	133.44	130.89	127.62	123.82	119.73	115.77	112.07	108.87	106.34	104.56
25	136.36	136.32	135.61	134.16	131.98	129.14	125.83	122.26	118.61	115.60	112.83	110.65	109.15
26	135.55	135.57	135.04	133.91	132.16	129.88	127.21	124.32	121.54	118.95	116.73	115.01	113.84

TABLE 3.20 LOCAL ELEVATION TABLE 16

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	82.87	83.27	83.82	84.45	85.07	85.57	85.83	85.78	85.40	84.75	83.93	83.20	82.70
2	82.08	82.95	83.81	84.59	85.22	85.64	85.77	85.57	85.07	84.31	83.45	82.75	82.32
3	81.95	83.28	84.40	85.26	85.83	86.07	85.98	85.55	84.84	83.95	83.01	82.32	81.95
4	82.90	84.15	85.48	86.37	86.82	86.83	86.46	85.75	84.80	83.73	82.70	81.98	81.65
5	83.35	85.42	86.90	87.78	88.08	87.86	87.21	86.21	85.01	83.75	82.60	81.82	81.48
6	84.66	86.94	88.50	89.34	89.51	89.08	88.18	86.94	85.51	84.06	82.77	81.88	81.47
7	86.19	88.59	90.20	90.98	91.02	90.41	89.32	87.90	86.28	84.65	83.22	82.19	81.65
8	87.84	90.19	91.72	92.45	92.42	91.75	90.55	88.99	87.25	85.48	83.94	82.72	82.00
9	89.40	91.51	92.91	93.57	93.54	92.90	91.73	90.16	88.34	86.50	84.81	83.41	82.49
10	90.63	92.39	93.58	94.19	94.21	93.67	92.63	91.17	89.40	87.50	85.72	84.16	83.03
11	91.34	92.66	93.62	94.16	94.25	93.89	93.05	91.79	90.16	88.31	86.48	84.83	83.55
12	91.36	92.21	92.89	93.36	93.54	93.37	92.80	91.80	91.62	91.19	88.20	85.27	83.94
13	90.58	90.93	91.31	91.69	91.96	96.70	91.69	92.38	93.07	94.06	90.00	86.92	84.23
14	88.93	88.84	88.93	89.15	94.58	100.03	90.36	81.59	77.63	75.53	75.42	77.46	84.85
15	86.32	85.87	85.94	86.17	84.03	78.65	68.28	62.82	59.26	57.59	57.92	60.40	65.22
16	82.83	82.21	82.91	78.25	67.79	58.41	51.19	46.04	42.88	41.74	42.65	45.74	51.16
17	78.65	79.36	80.24	65.89	52.85	43.47	36.36	31.47	28.73	28.14	29.72	33.54	39.69
18	74.03	72.88	68.21	52.46	40.56	31.11	24.07	19.39	17.05	17.02	19.31	23.92	30.88
19	69.35	68.35	57.82	43.28	31.22	21.67	14.63	10.13	8.14	8.65	11.63	17.03	24.81
20	65.09	64.14	52.08	37.40	25.17	15.49	8.43	4.04	2.35	3.33	6.93	13.06	21.59
21	61.38	60.51	49.88	35.09	22.71	12.90	5.79	1.48	.00	1.35	5.96	12.17	21.31
22	58.96	57.69	52.83	36.58	24.10	14.18	7.01	2.71	1.37	2.96	7.90	14.51	24.07
23	56.99	56.83	57.68	42.55	29.96	19.97	12.23	7.92	6.61	8.30	12.88	20.17	29.91
24	55.47	54.87	55.68	49.45	38.81	28.78	21.51	17.14	15.77	17.41	21.93	29.16	38.82
25	55.31	54.76	54.11	53.33	50.20	44.99	39.70	30.25	28.75	30.18	34.46	41.40	50.75
26	55.78	55.24	54.55	54.06	58.43	63.19	54.26	46.77	45.08	46.21	50.06	56.48	68.25

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	82.63	83.20	84.56	86.79	89.87	93.70	98.08	102.79	107.56	112.07	115.99	119.11	121.32
2	82.35	83.04	84.53	86.86	90.03	93.92	98.33	103.02	107.83	112.31	116.20	119.30	121.48
3	82.09	82.89	84.98	86.90	90.12	94.01	98.38	103.01	107.72	112.11	115.90	118.92	121.05
4	81.87	82.76	84.93	86.90	89.78	92.93	91.22	92.95	100.17	110.82	115.29	118.21	120.27
5	81.72	82.66	84.36	86.83	89.72	83.75	75.16	75.77	84.16	101.23	114.58	117.48	119.49
6	81.67	82.59	84.27	86.34	89.52	79.83	70.97	69.19	79.82	97.02	114.07	116.89	118.88
7	81.74	82.56	84.16	86.54	89.32	83.28	74.58	75.03	83.38	100.38	113.57	116.54	118.55
8	81.92	82.58	84.05	86.33	89.03	91.98	90.06	91.59	98.62	109.10	113.61	116.50	118.57
9	82.19	82.66	83.96	86.12	89.08	92.72	96.85	101.23	105.74	109.96	113.75	116.75	118.91
10	82.52	82.77	83.90	85.93	88.83	92.47	96.66	101.17	105.82	110.21	114.06	117.19	119.45
11	82.86	82.93	83.90	85.82	88.66	92.30	96.55	101.14	105.91	110.45	114.47	117.74	120.12
12	83.16	83.12	83.98	85.81	88.60	92.23	96.50	101.15	105.99	110.64	114.77	118.15	120.63
13	88.10	83.31	84.14	85.93	88.68	92.26	96.50	101.13	105.96	110.61	114.76	118.17	120.70
14	93.93	88.67	84.39	86.19	88.90	92.40	96.52	101.01	105.70	110.23	114.28	117.62	120.13
15	75.57	81.25	84.74	86.81	89.25	92.62	96.53	100.75	105.15	109.39	113.19	116.36	118.76
16	59.07	69.60	81.92	88.37	89.79	92.87	96.96	100.29	104.25	108.03	111.99	114.31	116.52
17	48.27	59.36	74.26	90.57	91.76	93.09	96.28	99.60	102.96	106.15	109.03	111.99	113.99
18	40.21	51.91	66.00	83.81	94.81	93.54	95.92	98.66	101.31	103.79	106.09	107.99	109.60
19	34.90	47.24	61.75	80.04	99.67	97.52	95.38	97.92	99.30	101.01	102.57	103.97	105.19
20	32.38	45.30	60.20	80.84	102.79	98.66	94.53	95.88	96.98	97.92	98.77	99.59	100.40
21	32.68	46.06	61.27	79.67	99.34	96.33	93.31	94.01	94.39	95.61	94.89	95.12	95.50
22	35.82	49.50	64.88	83.17	93.74	90.99	91.67	91.81	91.58	91.19	90.86	90.65	90.63
23	41.81	55.59	71.84	89.41	89.33	89.25	89.57	89.28	88.58	87.70	86.91	86.31	85.93
24	50.63	64.29	78.34	85.61	86.06	86.93	86.98	86.39	85.38	84.19	83.09	82.16	81.49
25	65.21	74.30	79.89	81.81	83.14	84.00	83.88	83.14	81.98	80.83	79.37	78.24	77.36
26	81.20	78.95	76.69	78.71	79.97	80.47	80.27	79.51	78.36	77.01	75.70	74.51	73.50

TABLE 3.21 LOCAL ELEVATION TABLE 17

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	30.30	30.12	29.84	29.51	29.19	28.90	28.68	28.52	28.44	28.43	28.48	28.59	28.72
2	30.23	30.13	29.95	29.71	29.46	29.23	29.04	28.89	28.80	28.77	28.81	28.90	29.04
3	29.97	29.97	29.89	29.76	29.59	29.40	29.22	29.06	28.94	28.87	28.88	28.97	29.14
4	29.53	29.62	29.66	29.64	29.55	29.40	29.21	28.99	28.81	28.68	28.65	28.76	29.04
5	28.99	29.15	29.29	29.37	29.36	29.23	29.00	28.70	28.43	28.22	28.15	28.29	28.69
6	28.46	28.69	28.91	29.07	29.09	28.95	28.67	28.27	27.87	27.58	27.47	27.65	28.20
7	28.04	28.32	28.62	28.83	28.88	28.72	28.36	27.84	27.28	26.89	26.75	26.98	27.70
8	27.84	28.15	28.49	28.74	28.79	28.59	28.15	27.53	26.85	26.32	26.14	26.43	27.31
9	27.95	28.27	28.63	28.87	28.90	28.65	28.13	27.41	26.64	26.01	25.81	26.15	27.15
10	28.42	28.74	29.08	29.29	29.27	28.96	28.36	27.57	26.74	26.07	25.86	26.23	27.33
11	29.28	29.57	29.85	30.00	29.91	29.52	28.87	28.03	27.17	26.51	26.33	26.73	27.87
12	30.45	30.69	30.89	30.94	30.75	30.29	29.59	28.75	27.91	27.34	27.18	27.60	28.73
13	31.81	32.00	32.09	32.02	31.72	31.19	30.45	29.63	28.91	28.41	28.30	28.72	29.78
14	33.28	33.41	33.38	33.15	32.72	32.11	31.36	30.60	29.96	29.54	29.48	29.89	30.85
15	34.57	34.62	34.44	34.06	33.49	32.79	32.04	31.36	30.81	30.48	30.48	30.87	31.71
16	35.41	35.39	35.07	34.51	33.80	33.03	32.31	31.68	31.21	30.98	31.03	31.41	32.13
17	35.58	35.49	35.03	34.32	33.48	32.66	31.93	31.34	30.95	30.80	30.91	31.28	31.89
18	34.89	34.75	34.18	33.34	32.39	31.51	30.75	30.18	29.85	29.77	29.92	30.29	30.82
19	33.23	33.06	32.41	31.46	30.43	29.49	28.70	28.13	27.83	27.78	27.97	28.34	28.84
20	30.59	30.40	29.71	28.70	27.61	26.62	25.79	25.20	24.89	24.85	25.05	25.44	25.95
21	27.09	26.87	26.17	25.15	24.03	23.00	22.14	21.51	21.17	21.11	21.30	21.71	22.27
22	22.78	22.64	21.98	20.99	19.88	18.84	17.94	17.27	16.88	16.77	16.94	17.37	18.01
23	18.04	17.94	17.36	16.46	15.40	14.39	13.48	12.77	12.31	12.14	12.28	12.72	13.45
24	13.15	13.11	12.66	11.92	11.00	10.03	9.12	8.36	7.83	7.58	7.65	8.08	8.89
25	8.45	8.47	8.16	7.59	6.84	6.00	5.16	4.40	3.83	3.50	3.51	3.90	4.72
26	4.09	4.17	4.03	3.67	3.14	2.47	1.74	1.04	.45	.07	.00	.33	1.14

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	28.87	29.02	29.17	29.23	29.17	33.19	16.72	7.98	4.99	6.17	13.27	28.92	23.56
2	29.22	29.42	29.63	29.80	31.67	33.66	21.25	12.56	9.04	10.75	17.82	28.96	25.90
3	29.44	29.77	30.17	30.60	30.93	33.21	29.79	23.80	20.40	22.29	26.67	29.98	26.71
4	29.48	30.08	30.78	31.61	32.40	33.03	33.05	33.03	32.69	32.08	31.55	31.20	30.62
5	29.37	30.32	31.47	32.80	34.19	35.45	36.96	37.12	37.38	37.27	36.87	36.33	35.84
6	29.17	30.53	32.22	34.13	36.20	38.19	39.93	41.28	42.17	42.58	42.58	42.30	41.91
7	28.96	30.75	33.00	35.57	38.32	41.11	43.69	45.74	47.30	48.28	48.71	48.72	48.46
8	28.84	31.03	33.80	36.99	40.40	43.91	47.18	49.98	52.17	53.68	54.51	54.77	54.61
9	28.92	31.43	34.60	38.27	42.21	46.29	50.12	53.46	56.13	58.04	59.17	59.61	59.50
10	29.24	31.96	35.38	39.33	43.58	47.99	52.14	55.78	58.71	60.82	62.10	62.60	62.48
11	29.83	32.60	36.08	40.09	44.39	48.83	53.02	56.67	59.60	61.69	62.92	63.36	63.16
12	30.69	33.31	36.69	40.96	44.54	48.74	52.69	56.02	58.67	60.50	61.51	61.76	61.91
13	31.55	33.98	36.99	40.40	44.03	47.70	51.07	53.90	56.05	57.43	58.05	58.01	57.96
14	32.40	34.50	37.04	39.89	42.89	45.64	48.46	50.57	52.05	52.84	52.98	52.59	51.84
15	33.01	34.71	36.72	38.91	41.19	43.32	45.11	46.92	47.16	47.31	46.95	46.21	45.28
16	33.17	34.47	35.94	37.51	39.05	40.37	41.35	41.91	42.03	41.68	40.94	39.98	38.98
17	32.70	33.45	34.67	35.70	36.58	37.22	37.63	37.65	37.24	36.51	35.51	34.41	33.42
18	31.97	32.17	32.88	33.48	33.90	34.16	34.16	33.82	33.15	32.22	31.14	30.07	29.22
19	29.40	30.00	30.53	30.93	31.14	31.26	31.12	30.71	30.03	29.18	28.25	27.41	26.84
20	26.52	27.13	27.67	28.10	28.40	28.63	28.65	28.46	28.08	27.57	27.05	26.63	26.49
21	22.93	23.65	24.39	25.07	25.70	26.29	26.75	27.07	27.25	27.36	27.45	27.64	28.05
22	18.83	19.78	20.82	21.91	23.07	24.24	25.36	26.40	27.37	28.27	29.16	30.09	31.15
23	14.95	15.69	17.15	18.77	20.52	22.38	24.30	26.21	28.08	29.91	31.69	33.44	35.20
24	10.07	11.62	13.99	15.67	18.09	20.71	23.45	26.27	29.12	31.92	34.65	37.26	39.75
25	6.00	7.77	10.01	12.67	15.70	19.03	22.57	26.25	29.99	33.71	37.31	40.72	43.90
26	2.47	4.36	6.84	9.86	13.34	17.21	21.38	25.73	30.18	34.64	38.97	43.06	46.83

TABLE 3.22 LOCAL ELEVATION TABLE 18

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	18.44	22.28	25.69	28.50	30.58	31.91	32.56	32.72	32.72	32.72	32.97	33.69	35.09
2	15.48	18.72	21.71	24.31	26.44	28.08	29.29	30.17	30.92	31.64	32.49	33.63	35.17
3	12.56	15.05	17.49	19.82	22.02	24.05	25.92	27.66	29.30	30.89	32.48	34.13	35.88
4	9.80	11.53	13.42	15.49	17.73	20.13	22.65	25.22	27.79	30.31	32.70	34.91	36.90
5	7.31	8.29	9.64	11.43	13.70	16.43	19.54	22.88	26.34	29.75	32.87	35.56	37.73
6	5.23	5.54	6.39	7.92	10.19	13.16	16.72	20.66	24.82	28.92	32.61	35.65	37.89
7	3.64	3.40	3.85	5.15	7.36	10.45	14.27	18.58	23.16	27.68	31.68	34.88	37.09
8	2.60	1.99	2.14	3.22	5.31	8.37	12.23	16.64	21.34	25.96	30.00	33.14	35.17
9	2.10	1.29	1.25	2.19	4.05	6.93	10.63	14.85	19.37	23.77	27.57	30.93	32.16
10	2.10	1.23	1.09	1.84	3.53	6.11	9.44	13.27	17.30	21.21	24.52	26.92	28.25
11	2.48	1.68	1.54	2.17	3.62	5.82	8.64	11.89	15.27	18.42	21.06	22.88	23.73
12	3.10	2.49	2.42	2.98	4.17	5.99	8.16	10.73	13.33	15.68	17.53	18.69	19.04
13	3.85	3.48	3.54	4.05	5.01	6.34	7.97	9.80	11.58	13.10	14.20	14.72	14.60
14	4.60	4.51	4.72	5.22	5.97	6.89	7.98	9.10	10.10	10.84	11.21	11.15	10.62
15	5.25	5.43	5.80	6.31	6.90	7.52	8.11	8.61	8.93	9.00	8.77	8.22	7.36
16	5.74	6.16	6.67	7.25	7.75	8.12	8.29	8.32	8.11	7.67	6.98	6.06	4.98
17	6.04	6.64	7.31	7.93	8.37	8.57	8.49	8.17	7.62	6.83	5.85	4.72	3.53
18	6.16	6.87	7.64	8.29	8.71	8.83	8.63	8.12	7.40	6.45	5.34	4.15	2.94
19	6.14	6.89	7.69	8.35	8.77	8.89	8.67	8.13	7.37	6.42	5.34	4.20	3.08
20	6.03	6.74	7.50	8.15	8.58	8.73	8.57	8.13	7.44	6.61	5.68	4.70	3.75
21	5.89	6.48	7.14	7.74	8.17	8.37	8.33	8.04	7.56	6.92	6.19	5.45	4.73
22	5.75	6.17	6.67	7.18	7.59	7.84	7.92	7.83	7.58	7.22	6.79	6.32	5.87
23	5.66	5.86	6.17	6.53	6.89	7.18	7.37	7.46	7.46	7.38	7.25	7.08	6.89
24	5.64	5.59	5.70	5.91	6.18	6.46	6.72	6.97	7.18	7.36	7.50	7.61	7.69
25	5.68	5.40	5.30	5.36	5.55	5.80	6.09	6.41	6.76	7.15	7.52	7.87	8.17
26	5.78	5.29	5.02	4.95	5.09	5.25	5.55	5.92	6.34	6.83	7.34	7.86	8.34

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	37.12	39.88	43.23	46.97	50.88	54.73	58.37	61.52	64.05	65.90	67.11	67.76	67.97
2	37.17	39.61	42.45	45.56	48.81	52.09	55.25	58.13	60.62	62.69	64.33	65.57	66.46
3	37.78	39.86	42.08	44.43	46.88	49.39	51.92	54.42	56.83	59.11	61.21	63.11	64.78
4	38.68	40.30	41.81	43.32	44.89	46.59	48.46	50.55	52.83	55.27	57.81	60.40	62.87
5	39.35	40.49	41.27	41.88	42.59	43.49	44.75	46.45	48.64	51.28	54.26	57.44	60.71
6	39.31	39.97	40.07	39.87	39.80	40.01	40.73	42.12	44.26	47.11	50.52	54.30	58.27
7	38.25	38.47	37.98	37.12	36.43	36.10	36.42	37.60	39.75	42.82	46.69	50.95	55.52
8	36.09	35.87	34.92	33.58	32.47	31.78	31.87	32.98	35.20	38.50	42.67	47.43	52.49
9	32.71	32.20	30.93	29.33	28.00	27.17	27.20	28.35	30.71	34.23	38.70	43.78	49.20
10	28.45	27.68	26.23	24.56	23.19	22.40	22.53	23.83	26.38	30.11	34.79	40.08	45.70
11	23.59	22.63	21.11	19.54	18.30	17.69	18.09	19.56	22.31	26.21	31.02	36.90	42.07
12	18.61	17.54	16.09	14.61	13.59	13.24	13.90	15.67	18.62	22.69	27.98	32.84	38.40
13	13.90	12.75	11.40	10.14	9.31	9.32	10.27	12.28	15.38	19.44	24.22	29.48	34.78
14	9.70	8.53	7.31	6.30	5.77	6.05	7.27	9.49	12.67	16.69	21.32	26.33	31.29
15	6.29	5.12	4.06	3.30	3.07	3.57	5.01	7.34	10.52	14.39	18.81	23.92	27.86
16	3.82	2.70	1.79	1.25	1.26	1.96	3.50	5.85	8.92	12.58	16.65	20.79	24.67
17	2.35	1.31	.54	.18	.35	1.16	2.72	4.98	7.84	11.19	14.82	18.92	21.71
18	1.82	.88	.24	.00	.26	1.10	2.59	4.66	7.21	10.16	13.28	16.30	18.97
19	2.07	1.26	.73	.57	.84	1.66	2.97	4.76	6.93	9.41	11.98	14.91	16.97
20	2.90	2.23	1.80	1.70	1.98	2.65	3.72	5.17	6.91	8.86	10.87	12.71	14.18
21	4.10	3.60	3.29	3.21	3.40	3.89	4.68	5.75	7.03	8.43	9.88	11.15	12.10
22	5.46	5.12	4.90	4.82	4.92	5.21	5.70	6.37	7.18	8.06	8.96	9.72	10.20
23	6.71	6.54	6.41	6.34	6.35	6.49	6.69	6.93	7.29	7.69	8.08	8.38	8.49
24	7.73	7.73	7.69	7.63	7.56	7.48	7.41	7.36	7.31	7.27	7.21	7.13	6.97
25	8.41	8.58	8.66	8.63	8.51	8.29	7.99	7.63	7.22	6.79	6.37	5.99	5.66
26	8.75	9.05	9.23	9.26	9.12	8.81	8.34	7.73	7.02	6.28	5.59	4.99	4.54

TABLE 3.23 LOCAL ELEVATION TABLE 19

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	46.88	46.05	44.54	42.39	39.65	36.49	33.08	29.73	26.56	23.75	21.43	19.71	18.61
2	46.78	46.10	44.90	43.19	41.02	38.51	35.79	33.11	30.56	28.27	26.37	24.92	23.98
3	45.75	45.25	44.37	43.14	41.58	39.79	37.85	35.90	34.03	32.33	30.89	29.76	28.98
4	43.91	43.56	43.01	42.25	41.31	40.23	39.06	37.85	36.67	35.56	34.57	33.75	33.15
5	41.36	41.16	40.89	40.57	40.19	39.76	39.28	38.77	38.21	37.62	37.05	36.52	36.07
6	38.25	38.18	38.16	38.18	38.25	38.35	38.45	38.51	38.49	38.36	38.13	37.81	37.45
7	34.73	34.75	34.90	35.18	35.57	36.04	36.55	37.03	37.40	37.61	37.64	37.48	37.20
8	30.88	30.96	31.21	31.64	32.23	32.93	33.68	34.42	35.02	35.43	35.61	35.56	35.32
9	26.84	26.94	27.23	27.72	28.38	29.16	30.00	30.82	31.52	32.01	32.25	32.24	32.02
10	22.73	22.83	23.10	23.56	24.19	24.92	25.72	26.50	27.16	27.62	27.86	27.86	27.64
11	18.69	18.74	18.97	19.34	19.85	20.45	21.10	21.73	22.27	22.65	22.83	22.81	22.60
12	14.86	14.90	15.05	15.30	15.65	16.08	16.52	16.94	17.30	17.54	17.65	17.63	17.47
13	11.33	11.35	11.42	11.55	11.73	11.95	12.17	12.39	12.57	12.70	12.75	12.73	12.65
14	8.19	8.20	8.21	8.22	8.23	8.25	8.27	8.29	8.31	8.33	8.35	8.36	8.38
15	5.56	5.57	5.53	5.45	5.33	5.18	5.02	4.88	4.77	4.72	4.73	4.81	4.95
16	3.55	3.56	3.50	3.36	3.14	2.87	2.59	2.34	2.15	2.06	2.09	2.25	2.53
17	2.25	2.28	2.22	2.04	1.77	1.44	1.09	.78	.56	.47	.55	.79	1.19
18	1.75	1.80	1.74	1.57	1.29	.95	.59	.28	.06	.00	.12	.43	.91
19	2.10	2.16	2.12	1.97	1.73	1.43	1.11	.83	.66	.63	.78	1.11	1.61
20	3.33	3.38	3.36	3.26	3.08	2.85	2.61	2.41	2.29	2.29	2.43	2.72	3.15
21	5.41	5.44	5.43	5.38	5.28	5.16	5.04	4.93	4.87	4.88	4.96	5.13	5.37
22	8.28	8.27	8.26	8.26	8.26	8.27	8.27	8.27	8.26	8.24	8.21	8.16	8.10
23	11.83	11.75	11.73	11.77	11.87	12.01	12.15	12.26	12.29	12.21	12.00	11.65	11.19
24	15.87	15.71	15.66	15.75	15.95	16.22	16.50	16.70	16.75	16.57	16.14	15.43	14.47
25	20.23	20.01	19.95	20.05	20.32	20.69	21.09	21.38	21.43	21.14	20.45	19.34	17.84
26	24.78	24.47	24.37	24.50	24.83	25.29	25.81	26.17	26.21	25.78	24.80	23.25	21.17

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	18.13	18.19	18.68	19.49	20.48	21.57	22.59	23.43	24.01	24.27	24.16	23.68	22.82
2	23.59	23.56	23.98	24.71	25.64	26.69	27.76	28.71	29.42	29.80	29.76	29.26	28.29
3	28.59	28.57	28.89	29.51	30.36	31.35	32.43	33.45	34.27	34.76	34.80	34.28	33.13
4	32.80	32.73	32.94	33.42	34.16	35.08	36.10	37.17	38.07	38.65	38.75	38.24	37.01
5	35.75	35.62	35.70	36.05	36.64	37.46	38.42	39.46	40.40	41.04	41.20	40.71	39.46
6	37.15	36.94	36.91	37.10	37.55	38.23	39.09	40.06	40.99	41.66	41.86	41.42	40.20
7	36.86	36.59	36.44	36.48	36.77	37.31	38.09	38.90	39.77	40.43	40.65	40.27	39.14
8	34.96	34.61	34.36	34.27	34.41	34.79	35.38	36.09	36.87	37.47	37.71	37.40	36.41
9	31.65	31.25	30.92	30.72	30.73	30.96	31.39	31.95	32.59	33.11	33.33	33.10	32.30
10	27.27	26.85	26.49	26.22	26.13	26.23	26.50	26.91	27.39	27.81	28.01	27.85	27.25
11	22.27	21.87	21.52	21.24	21.08	21.08	21.23	21.54	21.89	22.20	22.35	22.26	21.89
12	17.23	16.94	16.65	16.42	16.28	16.25	16.34	16.51	16.73	16.92	17.03	16.99	16.73
13	12.51	12.36	12.20	12.07	11.98	11.95	11.98	12.06	12.16	12.26	12.32	12.30	12.18
14	8.39	8.41	8.43	8.45	8.47	8.49	8.51	8.54	8.56	8.57	8.57	8.56	8.53
15	5.14	5.35	5.57	5.77	5.94	6.06	6.12	6.12	6.10	6.05	6.00	5.92	5.99
16	2.89	3.31	3.74	4.13	4.46	4.69	4.82	4.85	4.80	4.71	4.62	4.57	4.58
17	1.71	2.30	2.91	3.47	3.94	4.29	4.49	4.57	4.53	4.43	4.31	4.22	4.20
18	1.53	2.23	2.95	3.63	4.20	4.63	4.90	5.02	5.01	4.91	4.78	4.65	4.59
19	2.24	2.96	3.69	4.38	4.97	5.43	5.73	5.88	5.89	5.81	5.68	5.54	5.45
20	3.68	4.28	4.90	5.48	6.01	6.46	6.77	6.94	6.98	6.92	6.80	6.67	6.56
21	5.47	6.01	6.36	6.74	7.10	7.39	7.59	7.71	7.74	7.71	7.64	7.55	7.47
22	8.04	7.96	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93	7.93
23	10.62	10.02	9.45	8.91	8.44	8.09	7.76	7.58	7.50	7.51	7.59	7.71	7.85
24	13.31	12.07	10.81	9.63	8.58	7.71	7.07	6.66	6.48	6.50	6.66	6.93	7.25
25	16.03	14.04	12.05	10.16	8.47	7.08	6.05	5.39	5.09	5.10	5.37	5.80	6.32
26	18.69	15.95	13.21	10.62	8.30	6.40	4.97	4.06	3.65	3.66	4.07	4.71	5.47

TABLE 3.24 LOCAL ELEVATION TABLE 20

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	66.91	66.36	65.71	65.01	64.29	63.62	63.04	62.59	51.84	36.87	22.88	10.48	2.68
2	69.88	68.90	67.75	66.48	65.17	63.90	62.74	61.74	58.57	46.07	33.75	24.42	18.49
3	73.89	72.38	70.61	68.67	66.64	64.65	62.80	61.17	59.62	57.05	47.65	39.84	35.19
4	78.51	76.45	74.04	71.22	68.43	65.73	63.19	60.94	59.20	57.71	56.57	54.97	52.73
5	83.44	80.82	79.86	73.59	64.68	58.58	58.08	60.39	61.36	57.49	56.42	55.88	56.25
6	88.12	86.97	85.81	69.76	57.46	50.85	49.87	54.88	63.87	60.07	56.88	56.46	56.88
7	92.11	88.86	89.06	68.97	56.64	49.75	48.51	53.11	66.24	59.83	58.50	58.05	58.50
8	95.15	93.73	92.31	75.94	63.21	56.30	55.04	59.87	68.62	64.68	61.31	60.86	61.32
9	97.13	94.06	92.28	85.71	76.19	69.50	68.44	70.20	70.69	66.46	65.20	64.78	65.21
10	98.11	95.41	92.24	88.76	85.15	81.64	78.34	75.41	72.98	71.16	70.05	69.67	70.05
11	98.21	96.02	93.45	90.63	87.70	84.85	82.17	79.78	77.81	76.34	75.43	75.13	75.44
12	97.68	96.07	94.19	92.11	89.96	87.87	85.91	84.16	82.71	81.63	80.96	80.74	80.97
13	96.75	95.74	94.56	93.25	91.90	90.59	89.35	88.25	87.34	86.66	86.24	86.10	86.24
14	95.71	95.22	94.68	94.09	93.47	92.88	92.32	91.82	91.40	91.09	90.90	90.84	90.90
15	94.78	94.72	94.67	94.67	94.67	94.67	94.67	94.67	94.67	94.67	94.67	94.67	94.67
16	94.03	94.30	94.63	95.05	95.50	95.94	96.37	96.74	97.05	97.28	97.43	97.47	97.42
17	93.53	94.01	94.58	95.26	95.97	96.69	97.36	97.96	98.46	98.83	99.06	99.14	99.06
18	93.33	93.89	94.56	95.33	96.14	96.95	97.72	98.41	98.97	99.39	99.65	99.74	99.65
19	93.37	93.91	94.57	95.30	96.06	96.83	97.56	98.21	98.74	99.14	99.39	99.47	99.39
20	93.60	94.05	94.59	95.18	95.80	96.43	97.02	97.54	97.97	98.30	98.50	98.57	98.50
21	93.95	94.26	94.63	95.02	95.44	95.86	96.25	96.61	96.90	97.12	97.25	97.30	97.25
22	94.33	94.48	94.65	94.84	95.05	95.26	95.46	95.64	95.79	95.89	95.96	95.99	95.96
23	94.67	94.67	94.67	94.69	94.71	94.73	94.75	94.77	94.79	94.80	94.81	94.81	94.81
24	94.93	94.82	94.68	94.55	94.43	94.30	94.19	94.08	94.00	93.93	93.89	93.88	93.89
25	95.09	94.90	94.68	94.46	94.24	94.02	93.82	93.63	93.48	93.36	93.29	93.27	93.29
26	95.13	94.91	94.66	94.41	94.15	93.90	93.65	93.44	93.26	93.12	93.03	93.00	93.03

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	.00	2.89	10.97	23.69	37.96	53.26	64.18	65.52	67.00	68.90	71.26	74.04	77.20
2	16.70	19.32	26.07	36.27	49.40	62.55	66.56	68.35	70.40	72.72	75.28	78.07	81.03
3	34.10	36.72	42.87	52.08	62.85	66.59	69.09	71.57	74.18	76.86	79.57	82.31	84.99
4	52.20	54.96	59.42	63.07	65.88	68.85	71.89	75.01	78.15	81.17	84.00	86.58	88.87
5	57.33	59.08	61.45	64.93	67.69	71.21	74.86	78.56	82.10	85.33	88.15	90.51	92.38
6	58.11	60.13	62.83	66.11	69.82	73.80	77.90	81.96	85.73	89.04	91.77	93.87	95.33
7	59.83	61.99	64.69	68.90	72.34	76.53	80.87	85.05	88.86	92.11	94.67	96.49	97.56
8	62.66	64.83	67.74	71.24	75.18	79.35	83.64	87.72	91.38	94.43	96.74	98.26	99.00
9	66.48	68.53	71.28	74.59	78.28	82.18	86.16	89.91	93.24	95.96	97.96	99.19	99.66
10	71.17	72.98	75.39	78.29	81.52	84.91	88.37	91.61	94.46	96.76	98.41	99.36	99.63
11	76.35	77.82	79.77	82.12	84.73	87.47	90.26	92.85	95.12	96.93	98.21	98.90	99.04
12	81.64	82.72	84.15	85.86	87.77	89.78	91.81	93.70	95.34	96.64	97.59	98.01	98.06
13	86.66	87.34	88.24	89.32	90.52	91.78	93.05	94.23	95.25	96.06	96.61	96.88	96.89
14	91.09	91.40	91.81	92.30	92.85	93.42	94.00	94.53	94.99	95.36	95.64	95.78	95.78
15	94.67	94.67	94.67	94.67	94.67	94.67	94.67	94.67	94.69	94.74	94.77	94.79	94.79
16	97.28	97.05	96.74	96.37	95.96	95.54	95.13	94.75	94.43	94.22	94.08	94.02	94.03
17	98.83	98.46	97.96	97.37	96.71	96.03	95.38	94.77	94.25	93.88	93.63	93.52	93.53
18	99.39	98.97	98.41	97.73	96.98	96.21	95.46	94.77	94.18	93.73	93.44	93.30	93.32
19	99.14	98.74	98.21	97.57	96.86	96.12	95.41	94.76	94.19	93.75	93.47	93.34	93.35
20	98.30	97.98	97.54	97.02	96.45	95.85	95.27	94.74	94.28	93.92	93.68	93.57	93.57
21	97.12	96.90	96.61	96.26	95.87	95.47	95.08	94.72	94.41	94.17	94.01	93.93	93.93
22	95.90	95.79	95.64	95.47	95.27	95.07	94.87	94.70	94.55	94.43	94.35	94.32	94.32
23	94.80	94.79	94.77	94.75	94.73	94.71	94.69	94.67	94.67	94.67	94.67	94.67	94.67
24	93.93	93.99	94.08	94.18	94.30	94.42	94.54	94.65	94.77	94.86	94.93	94.96	94.96
25	93.36	93.47	93.62	93.80	94.01	94.22	94.44	94.63	94.83	94.98	95.08	95.13	95.13
26	93.11	93.24	93.42	93.63	93.88	94.13	94.38	94.61	94.83	95.01	95.13	95.19	95.19

TABLE 3.25 : LOCAL ELEVATION TABLE 21

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	4.83	4.82	4.80	4.77	4.74	4.71	4.69	4.68	4.68	4.68	4.69	4.70	4.70
2	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98
3	2.92	2.92	2.95	2.98	3.02	3.06	3.09	3.10	3.11	3.10	3.09	3.08	3.07
4	1.77	1.79	1.84	1.92	2.01	2.09	2.15	2.18	2.19	2.18	2.16	2.13	2.11
5	.79	.82	.90	1.01	1.14	1.25	1.34	1.39	1.41	1.39	1.36	1.32	1.28
6	.13	.16	.26	.40	.55	.69	.79	.85	.87	.86	.82	.77	.73
7	.00	.03	.14	.28	.43	.57	.68	.75	.77	.76	.72	.67	.62
8	.60	.63	.71	.83	.97	1.09	1.18	1.23	1.25	1.24	1.21	1.17	1.12
9	2.06	2.08	2.13	2.20	2.27	2.34	2.39	2.42	2.44	2.43	2.41	2.39	2.36
10	4.46	4.46	4.45	4.43	4.41	4.40	4.39	4.38	4.37	4.38	4.38	4.39	4.39
11	7.76	7.73	7.69	7.61	7.37	7.24	7.14	7.08	7.05	7.06	7.09	7.14	7.19
12	11.83	11.77	11.58	11.31	11.02	10.76	10.55	10.42	10.37	10.39	10.46	10.56	10.66
13	16.45	16.36	16.06	15.64	15.19	14.78	14.45	14.25	14.17	14.20	14.31	14.46	14.63
14	21.36	21.24	20.83	20.25	19.65	19.12	18.70	18.42	18.30	18.32	18.44	18.63	18.85
15	26.36	26.21	25.69	24.97	24.23	23.56	23.03	22.68	22.53	22.55	22.71	22.95	23.22
16	30.97	30.79	30.20	29.36	28.50	27.72	27.11	26.70	26.53	26.55	26.73	27.01	27.33
17	34.90	34.70	57.25	33.15	32.20	31.36	30.69	30.25	30.06	30.09	30.28	30.58	30.93
18	37.92	61.11	84.30	59.70	35.15	34.28	33.59	33.19	32.94	32.97	33.17	33.48	33.84
19	39.91	63.11	86.31	61.75	37.22	36.38	35.70	35.26	35.07	35.10	35.29	35.59	35.94
20	40.87	40.69	63.27	39.26	38.40	37.62	37.00	36.60	36.42	36.45	36.63	36.90	37.22
21	40.89	40.74	40.22	39.50	38.76	38.09	37.55	37.21	37.05	37.07	37.23	37.47	37.74
22	40.15	40.02	39.61	39.03	38.43	37.90	37.47	37.19	37.07	37.09	37.21	37.40	37.62
23	38.86	38.77	38.47	38.05	37.62	37.23	36.92	36.72	36.63	36.69	36.73	36.87	37.03
24	37.29	37.23	37.05	36.78	36.51	36.27	36.07	35.95	35.89	35.90	35.96	36.04	36.14
25	35.73	35.71	35.61	35.48	35.34	35.21	35.11	35.05	35.03	35.03	35.06	35.11	35.16
26	34.33	34.33	34.32	34.30	34.28	34.27	34.25	34.25	34.24	34.24	34.25	34.25	34.26

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	4.71	4.70	4.69	4.68	4.67	4.67	4.67	4.69	4.71	4.74	4.78	4.82	4.85
2	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.98
3	3.06	3.06	3.06	3.07	3.08	3.08	3.08	3.08	3.06	3.03	3.01	2.98	2.97
4	2.09	2.08	2.08	2.09	2.10	2.11	2.12	2.11	2.09	2.06	2.02	1.98	1.96
5	1.25	1.23	1.23	1.24	1.26	1.27	1.28	1.27	1.25	1.22	1.17	1.13	1.10
6	.69	.66	.65	.66	.68	.69	.70	.70	.69	.65	.62	.58	.55
7	.57	.55	.54	.54	.55	.57	.58	.58	.57	.55	.52	.49	.47
8	1.09	1.06	1.05	1.05	1.06	1.07	1.08	1.09	1.09	1.07	1.05	1.03	1.02
9	2.34	2.33	2.32	2.32	2.32	2.33	2.34	2.34	2.34	2.33	2.33	2.32	2.31
10	4.40	4.40	4.41	4.41	4.41	4.41	4.40	4.40	4.40	4.40	4.40	4.39	4.39
11	7.24	7.27	7.29	7.30	7.29	7.28	7.27	7.25	7.24	7.23	7.23	7.23	7.24
12	10.76	10.83	10.87	10.88	10.87	10.85	10.81	10.78	10.76	10.74	10.74	10.74	10.74
13	14.78	14.89	14.96	14.98	14.96	14.92	14.87	14.82	14.78	14.75	14.73	14.73	14.73
14	19.06	19.21	19.31	19.34	19.32	19.27	19.20	19.13	19.07	19.02	18.99	18.98	18.98
15	23.48	23.68	23.80	23.84	23.82	23.76	23.66	23.57	23.49	23.43	23.38	23.36	23.35
16	27.63	27.87	28.01	28.06	28.04	27.96	27.85	27.74	27.64	27.56	27.50	27.47	27.46
17	31.26	31.52	31.68	31.73	31.71	31.63	31.51	31.39	31.27	31.18	31.11	31.07	31.05
18	34.18	34.44	34.61	34.67	34.65	34.56	34.44	34.31	34.19	34.09	34.01	33.97	33.95
19	36.28	36.54	36.70	36.76	36.74	36.65	36.53	36.41	36.29	36.18	36.11	36.06	36.04
20	37.53	37.77	37.92	37.98	37.96	37.88	37.77	37.65	37.54	37.44	37.37	37.33	37.31
21	38.01	38.21	38.34	38.39	38.38	38.31	38.22	38.11	38.02	37.93	37.87	37.83	37.82
22	37.84	38.00	38.10	38.15	38.13	38.08	38.00	37.92	37.84	37.77	37.72	37.69	37.68
23	37.18	37.30	37.38	37.41	37.40	37.36	37.31	37.24	37.19	37.14	37.10	37.08	37.08
24	36.24	36.31	36.36	36.38	36.37	36.35	36.31	36.26	36.24	36.21	36.19	36.18	36.18
25	35.21	35.25	35.27	35.28	35.27	35.26	35.25	35.23	35.21	35.20	35.19	35.19	35.19
26	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.27	34.28	34.29

TABLE 3.26 LOCAL ELEVATION TABLE 22

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	33.24	32.53	31.76	31.13	30.93	31.26	32.27	34.03	36.55	39.72	43.39	47.32	51.40
2	33.48	32.69	31.86	31.19	30.97	31.35	32.45	34.36	37.07	40.49	44.45	48.70	53.10
3	33.98	33.15	32.29	31.63	31.44	31.85	32.99	34.95	37.72	41.20	45.20	49.50	53.95
4	34.71	33.86	33.02	32.46	32.30	32.72	33.84	35.75	38.42	41.76	45.58	49.65	53.85
5	35.57	34.74	34.03	33.53	33.41	33.83	34.90	36.66	39.10	42.11	45.52	49.15	52.82
6	36.47	35.72	35.08	34.66	34.59	35.00	35.97	37.52	39.61	42.16	45.00	48.01	50.96
7	37.16	36.48	35.92	35.60	35.59	35.99	36.83	38.12	39.82	41.83	44.02	46.31	48.44
8	37.42	36.79	36.33	36.09	36.15	36.53	37.25	38.28	39.58	41.06	42.63	44.16	45.48
9	37.09	36.45	36.06	35.92	36.03	36.40	37.00	37.81	38.76	39.79	40.81	41.69	42.33
10	35.86	35.30	34.97	34.88	35.04	35.40	35.94	36.58	37.29	38.00	38.60	39.02	39.28
11	33.81	33.25	32.94	32.90	33.08	33.45	33.95	34.52	35.12	35.65	36.05	36.26	36.38
12	30.90	30.32	30.01	29.97	30.17	30.55	31.06	31.64	32.24	32.79	33.22	33.52	33.74
13	27.25	26.63	26.28	26.22	26.42	26.82	27.38	28.05	28.77	29.50	30.18	30.82	31.41
14	23.06	22.39	21.99	21.89	22.06	22.48	23.13	23.94	24.90	25.94	27.03	28.19	29.35
15	18.60	17.88	17.42	17.26	17.39	17.83	18.56	19.57	20.81	22.26	23.88	25.63	27.50
16	14.24	13.48	12.94	12.69	12.76	13.20	14.01	15.19	16.73	18.61	20.78	23.20	25.82
17	10.27	9.52	8.94	8.62	8.62	9.01	9.83	11.12	12.88	15.13	17.79	20.82	24.14
18	6.86	6.15	5.56	5.18	5.12	5.45	6.25	7.59	9.47	11.96	14.98	18.46	22.33
19	4.18	3.57	3.00	2.59	2.45	2.70	3.48	4.74	6.64	9.21	12.40	16.12	20.30
20	2.33	1.86	1.36	.94	.74	.89	1.51	2.68	4.47	6.95	10.09	13.80	18.01
21	1.33	1.04	.65	.25	.00	.03	.47	1.43	2.98	5.21	8.08	11.53	15.51
22	1.10	1.02	.76	.42	.12	.03	.25	.92	2.13	3.97	6.38	9.36	12.86
23	1.49	1.64	1.53	1.26	.94	.71	.71	1.04	1.85	3.16	4.99	7.34	10.19
24	2.31	2.69	2.74	2.55	2.21	1.87	1.63	1.65	1.99	2.72	3.88	5.51	7.61
25	3.37	3.95	4.17	4.06	3.73	3.26	2.84	2.52	2.39	2.54	3.04	3.94	5.27
26	4.53	5.28	5.64	5.62	5.30	4.76	4.09	3.46	2.92	2.55	2.43	2.65	3.27

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	55.24	58.58	61.25	63.15	64.28	64.72	64.61	64.14	63.51	62.96	62.56	62.40	62.53
2	57.26	60.90	63.83	65.94	67.21	67.72	67.60	67.03	66.21	65.38	64.66	64.12	63.82
3	58.13	61.79	64.71	66.80	68.03	68.48	68.27	67.60	66.66	65.69	64.82	64.12	63.67
4	57.76	61.13	63.78	65.62	66.62	66.88	66.52	65.75	64.76	63.81	62.99	62.39	62.06
5	56.18	59.02	61.16	62.54	63.16	63.12	62.58	61.72	60.80	60.00	59.41	59.13	59.20
6	53.58	55.69	57.17	57.96	58.10	57.71	56.96	56.07	55.30	54.75	54.55	54.78	55.44
7	50.23	51.53	52.27	52.43	52.07	51.33	50.90	49.59	48.99	48.77	49.06	49.91	51.30
8	46.46	47.03	47.15	46.79	46.06	45.10	44.10	43.28	42.84	42.96	43.76	45.26	47.42
9	42.75	42.77	42.38	41.63	40.62	39.53	38.54	37.86	37.70	38.21	39.50	41.58	44.36
10	39.26	38.94	38.27	37.33	36.25	35.19	34.33	33.89	34.03	34.92	36.69	39.17	42.42
11	36.24	35.82	35.15	34.29	33.37	32.53	31.96	31.83	32.31	33.53	35.56	38.38	41.87
12	33.76	33.57	33.19	32.69	32.16	31.75	31.60	31.87	32.71	34.21	36.42	39.33	42.83
13	31.87	32.18	32.37	32.47	32.57	32.76	33.17	33.91	35.10	36.81	39.09	41.91	45.18
14	30.47	31.52	32.48	33.39	34.28	35.21	36.27	37.53	39.08	40.96	43.20	45.78	48.64
15	29.41	31.32	33.20	35.02	36.80	38.56	40.32	42.13	44.02	46.09	48.18	50.49	52.78
16	28.57	31.38	34.23	37.04	39.76	42.38	44.87	47.24	49.48	51.61	53.63	55.52	57.27
17	27.69	31.36	35.10	38.82	42.42	45.84	49.02	51.91	54.49	56.74	58.65	60.22	61.47
18	26.49	30.85	35.30	39.76	44.09	48.18	51.95	55.31	58.22	60.63	62.51	63.89	64.78
19	24.83	29.61	34.52	39.49	44.33	48.92	53.15	56.91	60.13	62.74	64.71	66.06	66.83
20	22.63	27.55	32.64	37.82	42.93	47.82	52.36	56.43	59.94	62.80	64.99	66.50	67.39
21	19.93	24.69	29.67	34.78	39.91	44.90	49.59	53.88	57.65	60.82	63.34	65.20	66.44
22	16.83	21.17	25.80	30.61	35.52	40.41	45.12	49.54	53.54	57.05	59.99	62.34	64.13
23	13.51	17.24	21.32	25.67	30.20	34.81	39.43	43.89	48.10	51.94	55.36	58.29	60.74
24	10.18	13.18	16.60	20.38	24.44	28.72	33.10	37.55	41.91	46.07	49.96	53.50	56.65
25	7.05	9.31	12.05	15.25	18.86	22.80	27.02	31.39	35.84	40.24	44.51	48.55	52.30
26	4.35	5.94	8.06	10.70	13.85	17.45	21.45	25.75	30.25	34.85	39.43	43.90	48.16

TABLE 3.27 LOCAL ELEVATION TABLE 23

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	31.17	31.33	31.41	31.42	31.36	31.29	31.22	31.19	31.20	31.26	31.36	31.48	31.62
2	35.05	35.02	34.98	34.95	34.93	34.92	34.94	34.99	35.06	35.16	35.28	35.40	35.49
3	38.40	38.21	38.08	38.01	38.00	38.05	38.14	38.25	38.38	38.52	38.63	38.72	38.75
4	41.03	40.70	40.48	40.39	40.39	40.49	40.63	40.81	40.99	41.13	41.23	41.26	41.22
5	42.77	42.33	42.04	41.92	41.94	42.08	42.27	42.50	42.70	42.85	42.92	42.89	42.78
6	43.49	42.96	42.62	42.48	42.52	42.68	42.91	43.18	43.41	43.55	43.59	43.52	43.36
7	43.10	42.50	42.12	41.97	42.01	42.20	42.46	42.76	43.00	43.15	43.18	43.09	42.89
8	41.55	40.91	40.49	40.33	40.38	40.57	40.86	41.18	41.45	41.61	41.65	41.57	41.38
9	38.87	38.19	37.76	37.58	37.62	37.82	38.12	38.46	38.76	38.96	39.04	39.01	38.88
10	35.15	34.46	34.01	33.81	33.84	34.04	34.35	34.71	35.05	35.31	35.46	35.52	35.49
11	30.60	29.91	29.45	29.23	29.24	29.43	29.75	30.12	30.51	30.84	31.10	31.27	31.38
12	25.51	24.83	24.36	24.13	24.12	24.30	24.61	25.00	25.43	25.84	26.21	26.53	26.78
13	20.28	19.61	19.14	18.91	18.90	19.08	19.40	19.82	20.28	20.76	21.22	21.65	22.03
14	15.46	14.83	14.38	14.15	14.12	14.28	14.58	14.99	15.46	15.98	16.49	17.00	17.47
15	11.27	10.70	10.30	10.08	10.04	10.17	10.44	10.82	11.27	11.77	12.29	12.81	13.31
16	8.06	7.58	7.24	7.05	7.02	7.13	7.36	7.68	8.06	8.48	8.92	9.37	9.79
17	6.12	5.76	5.50	5.38	5.37	5.47	5.64	5.87	6.12	6.39	6.66	6.92	7.16
18	5.64	5.41	5.27	5.23	5.27	5.35	5.46	5.56	5.64	5.67	5.66	5.62	5.54
19	6.65	6.57	6.57	6.64	6.74	6.82	6.86	6.81	6.65	6.37	5.98	5.52	5.00
20	9.05	9.13	9.29	9.49	9.66	9.76	9.71	9.48	9.04	8.38	7.59	6.56	5.51
21	12.61	12.86	13.18	13.52	13.78	13.89	13.76	13.39	12.59	11.51	10.15	8.58	6.92
22	16.97	17.39	17.88	18.36	18.72	18.85	18.64	18.02	16.94	15.43	13.53	11.36	9.05
23	21.83	22.38	23.00	23.63	24.08	24.23	23.94	23.12	21.72	19.78	17.35	14.59	11.65
24	26.81	27.49	28.26	29.01	29.55	29.72	29.37	28.38	26.70	24.34	21.41	18.05	14.50
25	31.37	32.15	33.03	33.89	34.50	34.69	34.28	33.16	31.25	28.58	25.29	21.43	17.37
26	35.15	36.02	36.98	37.92	38.58	38.78	38.34	37.12	35.05	32.15	28.53	24.38	19.95

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	31.71	31.72	31.63	31.43	31.19	30.81	30.52	30.32	30.28	30.45	30.87	31.52	32.34
2	35.52	35.47	35.31	35.05	34.71	34.35	34.04	33.84	33.81	34.01	34.46	35.15	36.02
3	38.70	38.57	38.35	38.04	37.66	37.30	36.99	36.80	36.79	37.01	37.47	38.16	39.02
4	41.10	40.89	40.61	40.26	39.88	39.53	39.24	39.08	39.08	39.31	39.75	40.41	41.22
5	42.59	42.33	42.00	41.63	41.26	40.94	40.69	40.56	40.58	40.80	41.22	41.81	42.51
6	43.11	42.80	42.45	42.09	41.76	41.47	41.27	41.18	41.23	41.43	41.79	42.28	42.86
7	42.62	42.30	41.96	41.63	41.39	41.11	40.96	40.91	40.97	41.15	41.43	41.81	42.24
8	41.13	40.83	40.54	40.27	40.04	39.87	39.77	39.75	39.81	39.95	40.15	40.41	40.69
9	38.68	38.46	38.24	38.04	37.89	37.78	37.74	37.74	37.79	37.88	37.99	38.12	38.25
10	35.40	35.28	35.16	35.06	34.99	34.95	34.94	34.96	34.98	35.02	35.04	35.05	35.04
11	31.43	31.45	31.45	31.46	31.47	31.49	31.51	31.53	31.52	31.49	31.42	31.32	31.20
12	26.99	27.16	27.30	27.42	27.51	27.58	27.62	27.61	27.56	27.46	27.32	27.13	26.92
13	22.37	22.64	22.92	23.13	23.29	23.39	23.43	23.40	23.30	23.14	22.93	22.69	22.44
14	17.91	18.30	18.62	18.88	19.06	19.17	19.19	19.14	19.01	18.83	18.60	18.35	18.10
15	13.77	14.18	14.53	14.81	14.99	15.09	15.10	15.04	14.90	14.71	14.49	14.25	14.03
16	10.19	10.54	10.84	11.07	11.22	11.30	11.30	11.23	11.11	10.96	10.78	10.60	10.43
17	7.37	7.56	7.71	7.83	7.91	7.94	7.94	7.90	7.83	7.74	7.65	7.56	7.49
18	5.45	5.36	5.27	5.21	5.16	5.14	5.13	5.14	5.16	5.19	5.22	5.26	5.31
19	4.49	4.00	3.59	3.27	3.05	2.95	2.95	3.03	3.17	3.35	3.55	3.79	3.92
20	4.46	3.99	2.66	2.02	1.60	1.40	1.40	1.56	1.85	2.20	2.59	2.95	3.27
21	5.27	3.74	2.44	1.44	.77	.45	.44	.69	1.13	1.67	2.24	2.78	3.23
22	6.76	4.64	2.83	1.43	.50	.03	.00	.32	.89	1.60	2.36	3.05	3.62
23	8.73	6.07	3.80	2.02	.81	.16	.05	.36	1.00	1.85	2.79	3.57	4.24
24	11.07	7.88	5.13	2.95	1.45	.61	.40	.70	1.38	2.27	3.27	4.20	4.94
25	13.46	9.80	6.62	4.08	2.29	1.25	.90	1.14	1.79	2.69	3.72	4.67	5.43
26	15.64	11.64	8.11	5.27	3.21	1.95	1.44	1.55	2.12	2.95	3.93	4.85	5.57

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TABLE 3.28 LOCAL ELEVATION TABLE 24

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	18.54	19.27	20.27	21.51	22.97	24.59	26.34	28.20	30.12	32.03	33.90	35.73	37.51
2	13.90	14.71	15.89	17.44	19.31	21.48	23.91	26.52	29.27	32.09	34.94	37.74	40.47
3	9.72	10.54	11.82	13.58	15.83	18.49	21.52	24.85	28.39	32.06	35.81	39.52	43.13
4	6.15	6.96	8.29	10.18	12.66	15.68	19.16	23.03	27.20	31.55	36.00	40.46	44.79
5	3.41	4.14	5.44	7.35	9.91	13.10	16.82	21.00	25.53	30.32	35.22	40.19	45.03
6	1.60	2.21	3.38	5.17	7.66	10.79	14.50	18.72	23.34	28.25	33.34	38.52	43.64
7	.73	1.17	2.13	3.68	5.92	8.78	12.24	16.21	20.63	25.39	30.38	35.48	40.62
8	.73	.96	1.63	2.84	4.67	7.08	10.07	13.57	17.53	21.87	26.50	31.32	36.22
9	1.41	1.41	1.75	2.56	3.86	5.69	8.04	10.89	14.21	17.94	22.02	26.38	30.90
10	2.57	2.33	2.35	2.69	3.42	4.59	6.21	8.31	10.88	13.89	17.31	21.08	25.15
11	3.97	3.54	3.22	3.10	3.25	3.75	4.64	5.97	7.76	10.01	12.75	15.95	19.56
12	5.46	4.80	4.16	3.62	3.25	3.14	3.36	3.97	5.05	6.65	8.77	11.41	14.55
13	6.74	5.94	5.03	4.14	3.34	2.73	2.38	2.90	2.90	3.92	5.50	7.66	10.42
14	7.65	6.78	5.72	4.56	3.45	2.47	1.71	1.29	1.34	1.92	3.11	4.93	7.40
15	8.16	7.27	6.13	4.84	3.53	2.33	1.31	.62	.37	.69	1.69	3.27	5.58
16	8.26	7.40	6.27	4.95	3.56	2.27	1.16	.36	.00	.20	1.05	2.64	4.92
17	8.03	7.24	6.17	4.90	3.54	2.27	1.17	.41	.10	.36	1.28	2.89	5.24
18	7.58	6.89	5.92	4.73	3.46	2.29	1.31	.67	.51	.95	2.07	3.89	6.39
19	7.06	6.46	5.59	4.51	3.37	2.33	1.50	1.09	1.09	1.78	3.17	5.27	8.03
20	6.61	6.09	5.31	4.32	3.27	2.36	1.69	1.42	1.71	2.66	4.35	6.76	9.85
21	6.27	5.81	5.09	4.17	3.19	2.38	1.84	1.79	2.23	3.44	5.43	8.16	11.57
22	6.08	5.66	4.97	4.08	3.14	2.39	1.93	1.95	2.61	4.03	6.27	9.30	13.01
23	6.06	5.65	4.96	4.07	3.13	2.39	1.95	2.03	2.79	4.37	6.80	10.07	14.04
24	6.18	5.75	5.04	4.12	3.15	2.37	1.92	2.00	2.80	4.46	7.02	10.45	14.61
25	6.37	5.92	5.17	4.20	3.19	2.35	1.89	1.89	2.68	4.36	6.97	10.48	14.73
26	6.57	6.09	5.31	4.29	3.22	2.33	1.76	1.75	2.49	4.12	6.71	10.20	14.45

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	39.26	41.02	42.83	44.73	46.74	48.89	51.15	53.48	55.82	58.08	60.17	62.01	63.52
2	43.08	45.57	47.94	50.19	52.32	54.33	56.22	57.98	59.58	60.99	62.21	63.20	63.99
3	46.54	49.72	52.62	55.20	57.45	59.36	60.93	62.17	63.12	63.79	64.22	64.45	64.58
4	48.88	52.65	56.02	58.92	61.33	63.22	64.59	65.49	65.96	66.09	65.95	65.63	65.26
5	49.63	53.85	57.62	60.83	63.49	65.42	66.77	67.53	67.80	67.65	67.23	66.69	66.03
6	48.52	53.06	57.13	60.64	63.51	65.70	67.21	68.09	68.43	68.34	67.94	67.38	66.82
7	45.60	50.29	54.58	58.35	61.52	64.09	65.90	67.14	67.83	68.09	68.02	67.78	67.50
8	41.11	45.83	50.24	54.25	57.75	60.69	63.05	64.83	66.10	66.94	67.46	67.76	67.96
9	35.52	40.13	44.60	48.80	52.65	56.06	58.99	61.45	63.44	65.02	66.28	67.28	68.11
10	29.42	33.81	38.25	42.61	46.78	50.66	54.20	57.36	60.12	62.51	64.56	66.30	67.79
11	23.51	27.72	32.10	36.54	40.95	45.21	49.25	53.01	56.46	59.60	62.39	64.82	66.90
12	18.16	22.15	26.45	30.95	35.55	40.14	44.61	48.87	52.85	56.50	59.87	62.84	65.37
13	13.72	17.52	21.73	26.25	30.96	35.75	40.50	45.10	49.45	53.96	57.12	60.90	63.18
14	10.49	14.13	18.25	22.74	27.49	32.36	37.22	41.95	46.44	50.57	54.27	57.60	60.36
15	8.55	12.10	16.15	20.59	25.29	30.10	34.91	39.56	43.94	47.94	51.47	54.53	57.09
16	7.87	11.40	15.91	19.78	24.36	29.01	33.59	37.97	42.03	45.66	48.78	51.34	53.37
17	8.27	11.85	15.86	20.15	24.57	28.97	33.21	37.16	40.71	43.78	46.30	48.24	49.58
18	9.50	13.20	17.24	21.47	25.72	29.81	33.63	37.03	39.95	42.32	44.11	45.31	45.94
19	11.37	15.13	19.26	23.45	27.52	31.29	34.69	37.96	39.68	41.28	42.27	42.68	42.57
20	13.46	17.43	21.58	25.77	29.69	33.16	36.05	38.27	39.79	40.63	40.82	40.96	39.69
21	15.48	19.69	24.05	28.26	32.09	35.22	37.66	39.31	40.19	40.31	39.78	38.73	37.29
22	17.21	21.67	26.25	30.53	34.25	37.23	39.31	40.47	40.73	40.24	39.12	37.50	35.57
23	18.50	23.21	27.97	32.35	36.06	38.90	40.79	41.54	41.36	40.36	38.78	36.75	34.51
24	19.26	24.19	29.10	33.58	37.31	40.08	41.76	42.33	41.87	40.54	38.66	36.91	34.82
25	19.50	24.54	29.57	34.12	37.88	40.64	42.25	42.72	42.14	40.71	38.67	36.37	34.00
26	19.23	24.29	29.34	33.92	37.70	40.47	42.10	42.58	42.04	40.66	38.71	36.99	34.35

TABLE 3.29 LOCAL ELEVATION TABLE 2s

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	7.22	7.44	7.67	7.86	7.99	8.04	8.00	7.88	7.69	7.46	7.24	7.04	6.88
2	7.02	7.48	7.96	8.36	8.63	8.73	8.65	8.39	8.00	7.53	7.05	6.62	6.29
3	6.75	7.43	8.14	8.73	9.13	9.28	9.16	8.78	8.20	7.50	6.79	6.16	5.66
4	6.50	7.34	8.20	8.93	9.42	9.61	9.46	8.99	8.28	7.41	6.55	5.78	5.17
5	6.39	7.25	8.14	8.91	9.43	9.62	9.46	8.97	8.22	7.31	6.44	5.64	5.01
6	6.47	7.20	7.96	8.63	9.09	9.25	9.11	8.68	8.02	7.25	6.51	5.83	5.30
7	6.82	7.23	7.66	8.08	8.37	8.47	8.38	8.11	7.70	7.26	6.89	6.45	6.15
8	7.50	7.40	7.31	7.30	7.30	7.30	7.30	7.30	7.31	7.40	7.50	7.59	7.66
9	8.55	7.78	7.02	6.47	6.11	5.98	6.10	6.44	6.98	7.74	8.53	9.26	9.83
10	10.01	8.42	6.87	5.67	4.88	4.59	4.84	5.61	6.79	8.35	9.98	11.47	12.64
11	11.90	9.41	6.99	5.08	3.82	3.36	3.77	4.99	6.88	9.31	11.86	14.18	15.99
12	14.19	10.82	7.53	4.92	3.18	2.56	3.12	4.81	7.40	10.71	14.16	17.30	19.74
13	16.88	12.70	8.63	5.38	3.23	2.95	3.17	5.28	8.50	12.59	16.85	20.72	23.72
14	19.91	15.08	10.41	6.67	4.18	3.29	4.13	6.58	10.31	15.00	19.89	24.32	27.82
15	23.20	17.96	12.94	8.88	6.19	5.29	6.16	8.83	12.88	17.92	23.19	28.02	31.79
16	26.64	21.26	16.20	12.04	9.30	8.34	9.30	12.04	16.20	21.27	26.64	31.62	35.40
17	30.17	24.88	20.04	16.03	13.39	12.48	13.43	16.10	20.12	24.94	30.18	34.94	38.50
18	33.49	28.66	24.23	20.59	18.20	17.40	18.29	20.75	24.42	28.80	33.55	37.81	40.94
19	36.36	32.22	28.43	25.33	23.33	22.69	23.49	25.61	28.75	32.47	36.50	40.05	42.60
20	38.53	35.29	32.25	29.83	28.29	27.89	28.52	30.29	32.74	35.66	38.81	41.52	43.40
21	39.75	37.40	35.28	33.61	32.58	32.39	32.90	34.17	35.97	38.06	40.25	42.09	43.29
22	39.83	38.40	37.16	36.23	35.72	35.68	36.12	36.96	38.08	39.36	40.65	41.67	42.27
23	38.69	38.06	37.61	37.35	37.31	37.47	37.80	38.26	38.79	39.34	39.86	40.21	40.35
24	36.26	36.29	36.49	36.80	37.16	37.50	37.76	37.92	37.97	37.94	37.85	37.73	37.62
25	32.68	33.19	33.88	34.64	35.31	35.77	35.96	35.88	35.58	35.15	34.74	34.42	34.27
26	28.23	29.03	30.02	31.05	31.89	32.40	32.53	32.30	31.79	31.18	30.66	30.34	30.34

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	6.78	6.76	6.81	6.93	7.10	7.30	7.51	7.71	7.87	7.99	8.05	8.07	8.05
2	6.09	6.09	6.15	6.40	6.75	7.16	7.61	8.02	8.37	8.61	8.76	8.80	8.77
3	5.37	5.29	5.45	5.82	6.33	6.99	7.60	8.21	8.72	9.09	9.31	9.38	9.34
4	4.80	4.72	4.92	5.36	5.99	6.73	7.51	8.27	8.90	9.35	9.63	9.72	9.67
5	4.63	4.54	4.75	5.20	5.85	6.61	7.39	8.18	8.85	9.33	9.62	9.72	9.67
6	4.97	4.90	5.07	5.46	6.00	6.65	7.31	7.98	8.56	8.99	9.24	9.33	9.29
7	5.97	5.93	6.02	6.29	6.55	6.92	7.29	7.67	8.04	8.30	8.46	8.52	8.49
8	7.70	7.71	7.68	7.63	7.56	7.47	7.39	7.30	7.30	7.30	7.30	7.30	7.30
9	10.17	10.25	10.07	9.65	9.06	8.36	7.64	6.99	6.50	6.14	5.91	5.82	5.84
10	13.34	13.50	13.11	12.25	11.02	9.59	8.11	6.76	5.68	4.88	4.38	4.18	4.22
11	17.08	17.31	16.69	15.32	13.90	11.15	8.83	6.72	4.98	3.69	2.89	2.55	2.62
12	21.19	21.49	20.62	18.73	16.09	13.01	9.83	6.95	4.54	2.75	1.63	1.17	1.29
13	25.51	25.86	24.73	22.32	18.98	15.11	11.13	7.53	4.50	2.24	.83	.25	.45
14	29.87	30.20	28.82	25.95	21.96	17.40	12.76	8.54	4.98	2.33	.68	.00	.25
15	33.93	34.20	32.60	29.36	24.91	19.80	14.70	10.03	6.09	3.15	1.33	.59	.87
16	37.50	37.65	35.87	32.39	27.67	22.25	16.91	12.01	7.87	4.80	2.89	2.10	2.40
17	40.40	40.39	38.48	34.93	30.15	24.71	19.37	14.97	10.34	7.28	5.38	4.59	4.87
18	42.52	42.32	40.36	36.88	32.29	27.08	22.01	17.35	13.45	10.55	8.75	8.01	8.23
19	43.78	43.40	41.48	38.24	34.04	29.33	24.77	20.58	17.08	14.48	12.88	12.22	12.37
20	44.15	43.63	41.85	39.02	35.41	31.41	27.56	24.09	21.10	18.92	17.58	17.03	17.16
21	43.65	43.06	41.54	39.25	36.41	33.29	30.32	27.60	25.34	23.67	22.69	22.22	22.32
22	42.32	41.77	40.63	39.01	37.06	34.95	32.94	31.12	29.61	28.50	27.82	27.54	27.61
23	40.24	39.85	39.21	38.36	37.17	36.33	35.35	34.46	33.73	33.19	32.86	32.73	32.77
24	37.51	37.44	37.39	37.37	37.38	37.40	37.44	37.47	37.50	37.52	37.54	37.54	37.55
25	34.36	34.70	35.30	36.12	37.08	38.11	39.15	40.08	40.83	41.37	41.70	41.81	41.76
26	30.75	31.61	32.90	34.54	36.40	38.37	40.32	42.04	43.44	44.44	45.03	45.24	45.14

TABLE 3.30 LOCAL ELEVATION TABLE 26

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	9.74	9.82	9.89	9.95	10.00	10.04	10.07	10.08	10.07	10.05	10.02	9.97	9.91
2	11.91	12.52	13.08	13.58	13.99	14.29	14.46	14.52	14.44	14.24	13.92	13.51	13.01
3	14.50	15.74	16.91	17.93	18.77	19.39	19.76	19.86	19.71	19.30	18.65	17.80	16.78
4	17.33	19.27	21.09	22.69	24.00	24.97	25.56	25.73	25.50	24.87	23.87	22.54	20.95
5	20.29	22.96	25.46	27.67	29.49	30.83	31.64	31.89	31.58	30.72	29.34	27.52	25.34
6	23.04	26.37	29.49	32.26	34.54	36.22	37.25	37.57	37.20	36.13	34.42	32.15	29.41
7	25.31	29.17	32.80	36.01	38.66	40.63	41.83	42.22	41.79	40.56	38.59	35.94	32.74
8	26.89	31.09	35.05	38.56	41.46	43.62	44.94	45.38	44.92	43.58	41.42	38.53	35.04
9	27.62	31.95	36.03	39.65	42.64	44.88	46.25	46.72	46.25	44.88	42.64	39.65	36.03
10	27.44	31.65	35.62	39.16	42.09	44.28	45.63	46.10	45.65	44.31	42.12	39.18	35.61
11	26.34	30.21	33.87	37.13	39.84	41.87	43.14	43.58	43.18	41.94	39.90	37.16	33.83
12	24.43	27.77	30.94	33.77	36.13	37.90	39.01	39.41	39.07	37.99	36.21	33.80	30.86
13	21.87	24.55	27.09	29.38	31.29	32.73	33.65	33.98	33.71	32.84	31.38	29.41	26.99
14	18.86	20.81	22.67	24.35	25.75	26.83	27.51	27.76	27.57	26.93	25.85	24.37	22.55
15	15.64	16.90	18.09	19.17	20.08	20.78	21.22	21.39	21.27	20.86	20.15	19.19	18.00
16	12.54	13.16	13.74	14.27	14.72	15.06	15.28	15.37	15.31	15.10	14.75	14.27	13.68
17	9.67	9.74	9.81	9.87	9.91	9.95	9.97	9.97	9.96	9.94	9.91	9.87	9.82
18	7.21	6.88	6.55	6.25	5.98	5.77	5.62	5.55	5.58	5.70	5.93	6.25	6.66
19	5.31	4.73	4.16	3.62	3.14	2.75	2.48	2.35	2.39	2.62	3.02	3.61	4.36
20	4.11	3.42	2.73	2.07	1.48	1.00	.66	.49	.54	.81	1.32	2.07	3.02
21	3.67	2.99	2.31	1.64	1.04	.54	.18	.00	.09	.32	.85	1.64	2.66
22	4.02	3.46	2.87	2.30	1.77	1.32	.99	.82	.89	1.09	1.58	2.30	3.24
23	5.19	4.79	4.37	3.96	3.57	3.23	2.97	2.89	2.85	3.03	3.40	3.96	4.68
24	7.12	6.92	6.70	6.48	6.28	6.10	5.96	5.88	5.89	5.98	6.18	6.48	6.88
25	9.76	9.74	9.73	9.73	9.73	9.74	9.75	9.76	9.76	9.76	9.75	9.73	9.69
26	12.98	13.12	13.30	13.51	13.73	13.99	14.12	14.23	14.25	14.15	13.90	13.51	12.97

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	9.84	9.77	9.70	9.63	9.57	9.51	9.47	9.45	9.45	9.45	9.45	9.45	9.45
2	12.45	11.86	11.27	10.71	10.20	9.77	9.45	9.23	9.10	9.04	9.05	9.10	9.18
3	15.64	14.43	13.22	12.06	11.02	10.17	9.49	9.01	8.71	8.58	8.60	8.72	8.89
4	19.17	17.28	15.41	13.64	12.04	10.66	9.57	8.79	8.31	8.11	8.13	8.32	8.61
5	22.89	20.29	17.79	15.30	13.08	11.18	9.67	8.59	7.92	7.64	7.68	7.95	8.35
6	26.35	23.10	19.89	16.83	14.05	11.67	9.77	8.41	7.57	7.22	7.27	7.61	8.13
7	29.19	25.40	21.66	18.09	14.84	12.05	9.84	8.25	7.27	6.87	6.93	7.33	7.95
8	31.12	26.96	22.85	18.92	15.35	12.29	9.86	8.11	7.05	6.61	6.69	7.14	7.83
9	31.95	27.62	23.34	19.26	15.54	12.36	9.83	8.02	6.92	6.47	6.56	7.06	7.79
10	31.59	27.31	23.09	19.05	15.37	12.23	9.74	7.96	6.89	6.46	6.58	7.08	7.83
11	30.07	26.07	22.10	18.32	14.88	11.94	9.61	7.96	6.97	6.59	6.72	7.22	7.94
12	27.54	24.00	20.50	17.15	14.11	11.51	9.46	8.01	7.16	6.85	7.00	7.46	8.13
13	24.25	21.33	18.43	15.66	13.15	11.01	9.33	8.14	7.46	7.23	7.38	7.80	8.37
14	20.49	18.28	16.09	14.00	12.10	10.49	9.23	8.36	7.86	7.71	7.85	8.19	8.65
15	16.64	15.19	13.72	12.32	11.08	10.03	9.21	8.65	8.31	8.27	8.38	8.62	8.94
16	13.01	12.29	11.55	10.85	10.22	9.68	9.28	9.02	8.88	8.86	8.92	9.05	9.21
17	9.77	9.72	9.66	9.61	9.57	9.52	9.49	9.46	9.45	9.45	9.45	9.45	9.45
18	7.13	7.64	8.17	8.67	9.12	9.50	9.77	9.97	10.06	10.05	9.95	9.81	9.64
19	5.23	6.17	7.13	8.06	8.89	9.57	10.09	10.44	10.58	10.54	10.36	10.08	9.75
20	4.13	5.34	6.58	7.77	8.83	9.71	10.40	10.82	10.97	10.89	10.62	10.24	9.80
21	3.85	5.15	6.48	7.74	8.90	9.87	10.60	11.03	11.17	11.05	10.73	10.28	9.79
22	4.34	5.55	6.80	7.99	9.05	9.98	10.65	11.03	11.13	10.99	10.66	10.21	9.73
23	5.54	6.98	7.45	8.38	9.23	9.96	10.48	10.77	10.83	10.70	10.42	10.09	9.69
24	7.34	7.86	8.38	8.89	9.37	9.79	10.08	10.24	10.27	10.18	10.01	9.78	9.54
25	9.64	9.59	9.53	9.48	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.45	9.46
26	12.33	11.61	10.86	10.14	9.55	9.08	8.74	8.56	8.52	8.62	8.82	9.08	9.38

TABLE 3.31 LOCAL ELEVATION TABLE 27

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	33.48	32.69	31.86	31.19	30.97	31.35	32.45	34.36	37.07	40.49	44.45	48.70	53.10
2	33.98	33.15	32.29	31.63	31.49	31.85	32.99	34.95	37.72	41.20	45.20	49.50	53.95
3	34.71	33.86	33.02	32.46	32.30	32.72	33.84	35.75	38.42	41.76	45.58	49.65	53.85
4	35.57	34.74	34.03	33.53	33.41	33.83	34.90	36.66	39.10	42.11	45.52	49.15	52.82
5	36.47	35.72	35.08	34.66	34.59	35.00	35.97	37.52	39.61	42.16	45.00	48.01	50.96
6	37.16	36.48	35.92	35.60	35.59	35.99	36.83	38.12	39.82	41.83	44.02	46.31	48.44
7	37.42	36.79	36.33	36.09	36.15	36.53	37.25	38.28	39.50	41.06	42.63	44.16	45.48
8	37.09	36.45	36.06	35.92	36.03	36.40	37.00	37.81	38.76	39.79	40.81	41.69	42.33
9	35.86	35.30	34.97	34.88	35.09	35.40	35.94	36.58	37.29	38.00	38.60	39.02	39.28
10	33.81	33.25	32.94	32.90	33.08	33.45	33.95	34.52	35.12	35.65	36.05	36.26	36.38
11	30.90	30.32	30.01	29.97	30.17	30.55	31.06	31.64	32.24	32.79	33.22	33.52	33.74
12	27.25	26.63	26.28	26.22	26.42	26.82	27.38	28.05	28.77	29.50	30.18	30.82	31.41
13	23.06	22.39	21.99	21.89	22.06	22.48	23.13	23.94	24.90	25.94	27.03	28.19	29.35
14	18.60	17.88	17.42	17.26	17.39	17.83	18.56	19.57	20.81	22.26	23.88	25.63	27.50
15	14.24	13.48	12.94	12.69	12.76	13.20	14.01	15.19	16.73	18.61	20.78	23.20	25.82
16	10.27	9.52	8.94	8.62	8.62	9.01	9.83	11.12	12.88	15.13	17.79	20.82	24.14
17	6.86	6.15	5.56	5.18	5.12	5.45	6.25	7.59	9.47	11.96	14.98	18.46	22.33
18	4.18	3.57	3.00	2.59	2.45	2.70	3.44	4.74	6.64	9.21	12.40	16.12	20.30
19	2.33	1.86	1.36	.94	.74	.89	1.51	2.68	4.47	6.95	10.09	13.80	18.01
20	1.33	1.04	.65	.25	.00	.03	.47	1.43	2.98	5.21	8.08	11.53	15.51
21	1.10	1.02	.76	.42	.12	.03	.25	.92	2.13	3.97	6.38	9.36	12.86
22	1.49	1.64	1.53	1.26	.94	.71	.71	1.09	1.85	3.16	4.99	7.34	10.19
23	2.31	2.69	2.74	2.55	2.21	1.87	1.63	1.65	1.99	2.72	3.88	5.51	7.61
24	3.37	3.95	4.17	4.06	3.73	3.26	2.84	2.52	2.39	2.54	3.04	3.94	5.27
25	4.53	5.28	5.64	5.62	5.30	4.76	4.09	3.46	2.92	2.55	2.43	2.65	3.27
26	5.54	6.40	6.86	6.92	6.62	6.03	5.23	4.32	3.43	2.64	2.02	1.68	1.70

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	57.26	60.90	63.83	65.94	67.21	67.72	67.60	67.03	66.21	65.38	64.66	64.12	63.82
2	58.13	61.79	64.71	66.80	68.03	68.48	68.27	67.60	66.66	65.69	64.82	64.12	63.67
3	57.76	61.13	63.78	65.62	66.62	66.88	66.52	65.75	64.76	63.81	62.99	62.39	62.06
4	56.18	59.02	61.16	62.54	63.16	63.12	62.58	61.72	60.80	60.00	59.41	59.13	59.20
5	53.58	55.69	57.17	57.96	58.10	57.71	56.96	56.07	55.30	54.75	54.55	54.78	55.44
6	50.23	51.53	52.27	52.43	52.07	51.33	50.40	49.59	48.99	48.77	49.06	49.91	51.30
7	46.46	47.03	47.15	46.79	46.06	45.10	44.10	43.28	42.84	42.96	43.76	45.26	47.42
8	42.75	42.77	42.38	41.63	40.62	39.53	38.54	37.86	37.70	38.21	39.50	41.58	44.36
9	39.28	38.94	38.27	37.33	36.25	35.19	34.33	33.89	34.03	34.92	36.69	39.17	42.42
10	36.24	35.82	35.15	34.29	33.37	32.53	31.96	31.83	32.31	33.53	35.56	38.38	41.87
11	33.76	33.57	33.19	32.69	32.16	31.75	31.60	31.87	32.71	34.21	36.92	39.33	42.83
12	31.87	32.18	32.37	32.47	32.57	32.76	33.17	33.91	35.10	36.81	39.09	41.91	45.18
13	30.47	31.52	32.48	33.39	34.28	35.21	36.27	37.53	39.08	40.96	43.20	45.78	48.64
14	29.41	31.32	33.20	35.02	36.80	38.56	40.32	42.13	44.02	46.04	48.18	50.44	52.78
15	28.57	31.38	34.23	37.09	39.76	42.38	44.87	47.24	49.48	51.61	53.63	55.52	57.27
16	27.69	31.36	35.10	38.82	42.42	45.84	49.02	51.91	54.49	56.74	58.65	60.22	61.47
17	26.99	30.85	35.30	39.76	44.09	48.18	51.95	55.31	58.22	60.63	62.51	63.89	64.78
18	24.83	29.61	34.52	39.49	44.33	48.92	53.15	56.91	60.13	62.79	64.71	66.06	66.83
19	22.43	27.55	32.64	37.82	42.93	47.82	52.36	56.43	59.94	62.80	64.99	66.50	67.39
20	19.93	24.69	29.67	34.78	39.91	44.90	49.59	53.88	57.65	60.82	63.34	65.20	66.44
21	16.83	21.17	25.80	30.61	35.52	40.41	45.12	49.54	53.54	57.05	59.99	62.34	64.13
22	13.51	17.24	21.32	25.67	30.20	34.81	39.43	43.89	48.10	51.94	55.36	58.29	60.74
23	10.18	13.18	16.60	20.38	24.44	28.72	33.10	37.55	41.91	46.07	49.96	53.50	56.65
24	7.05	9.31	12.05	15.25	18.86	22.80	27.02	31.39	35.84	40.24	44.51	48.55	52.30
25	4.33	5.94	8.06	10.70	13.85	17.45	21.45	25.75	30.25	34.85	39.43	43.90	48.16
26	2.20	3.21	4.79	6.96	9.71	13.02	16.82	21.03	25.54	30.26	35.05	39.80	44.40

TABLE 3.32 LOCAL ELEVATION TABLE 28

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	99.63	99.46	99.01	98.29	97.37	96.40	95.56	94.99	94.88	95.39	96.64	98.29	97.86
2	100.12	99.53	98.71	97.70	96.56	95.48	94.56	93.97	93.86	94.40	95.69	97.36	87.05
3	100.63	99.47	98.23	96.90	95.60	94.42	93.48	92.91	92.86	93.43	94.41	90.52	77.74
4	101.22	99.48	97.76	96.11	94.62	93.38	92.47	91.99	92.03	92.64	93.72	85.36	71.42
5	101.96	99.63	97.46	95.52	93.87	92.60	91.75	91.39	91.53	92.19	93.35	83.24	68.70
6	102.94	100.08	97.50	95.31	93.56	92.32	91.59	91.39	91.66	92.38	93.48	84.69	69.97
7	104.26	100.96	98.06	95.68	93.88	92.69	92.10	92.05	92.45	93.21	94.22	89.51	75.29
8	105.97	102.37	99.27	96.79	94.99	93.87	93.40	93.48	93.98	94.77	95.70	96.22	84.42
9	108.08	104.37	101.22	98.72	96.97	95.99	95.57	95.74	96.30	97.09	97.94	98.71	95.49
10	110.60	106.97	103.89	101.48	99.81	98.86	98.57	98.79	99.37	100.14	100.91	101.55	101.54
11	113.45	110.09	107.24	105.01	103.46	102.56	102.29	102.52	103.07	103.79	104.50	105.08	105.40
12	116.48	113.56	111.07	109.10	107.72	106.91	106.62	106.76	107.23	107.88	108.55	109.10	109.44
13	119.56	117.18	115.13	113.48	112.30	111.58	111.29	111.37	111.72	112.23	112.83	113.39	113.82
14	122.52	120.74	119.17	117.87	116.90	116.27	115.97	115.97	116.23	116.67	117.21	117.82	118.37
15	125.20	124.03	122.94	121.99	121.23	120.68	120.37	120.30	120.45	120.82	121.35	121.98	122.68
16	127.50	126.86	126.21	125.58	125.02	124.55	124.23	124.09	124.16	124.45	124.96	125.65	126.49
17	129.29	129.13	128.85	128.49	128.07	127.68	127.36	127.17	127.16	127.39	127.87	128.58	129.47
18	130.52	130.71	130.72	130.58	130.30	129.95	129.64	129.42	129.36	129.53	129.97	130.68	131.59
19	131.19	131.59	131.80	131.81	131.69	131.36	131.06	130.83	130.79	130.86	131.25	131.91	132.79
20	131.35	131.85	132.16	132.25	132.17	131.99	131.67	131.46	131.35	131.44	131.77	132.34	133.14
21	131.10	131.59	131.91	132.05	132.01	131.85	131.62	131.49	131.39	131.40	131.66	132.13	132.78
22	130.56	130.97	131.25	131.37	131.37	131.25	131.08	130.95	130.87	130.90	131.09	131.44	131.93
23	129.87	130.15	130.34	130.43	130.44	130.37	130.26	130.17	130.12	130.14	130.25	130.47	130.79
24	129.18	129.32	129.41	129.46	129.46	129.43	129.37	129.32	129.28	129.28	129.34	129.45	129.62
25	128.56	128.57	128.58	128.59	128.59	128.58	128.58	128.57	128.56	128.57	128.57	128.59	128.61
26	128.07	127.98	127.93	127.90	127.89	127.91	127.94	127.97	127.99	127.99	127.96	127.90	127.81

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	89.48	82.09	76.52	73.20	72.36	74.21	78.74	84.69	87.91	86.11	88.80	92.92	95.51
2	76.36	67.00	59.61	54.53	52.35	53.59	58.60	65.60	68.17	67.95	71.98	80.01	88.22
3	65.66	54.53	44.45	36.01	31.67	31.96	37.17	46.79	54.38	56.00	61.50	70.70	83.31
4	58.11	45.39	33.28	21.99	12.10	10.87	16.88	31.36	43.33	51.66	58.39	68.58	82.25
5	54.58	40.83	27.48	14.84	4.11	.00	8.00	22.48	38.20	51.07	60.57	77.13	88.51
6	55.59	41.56	28.01	15.27	4.05	1.25	6.95	20.99	36.38	51.76	69.67	89.71	103.41
7	61.18	47.58	34.78	23.36	15.81	13.98	17.66	27.09	40.25	54.75	69.94	88.90	100.52
8	70.99	56.27	46.71	37.09	31.36	29.61	32.16	38.72	49.24	61.75	75.41	89.76	102.43
9	84.39	72.75	62.43	54.30	49.23	47.40	49.03	53.98	62.13	72.61	84.55	95.98	99.67
10	99.58	89.75	80.98	73.86	69.20	67.22	68.09	71.74	78.06	86.16	95.49	97.27	97.37
11	105.05	104.69	100.87	95.38	91.04	88.92	89.15	91.70	95.44	97.88	97.14	96.92	95.98
12	109.51	109.28	108.38	107.51	106.43	105.19	103.85	102.44	101.00	100.10	98.59	97.06	95.53
13	114.02	113.95	113.57	112.86	111.83	110.48	108.85	106.98	104.92	102.72	100.46	98.19	95.98
14	118.77	118.93	118.76	118.21	117.22	115.77	113.91	111.63	109.00	106.12	103.12	100.13	97.27
15	123.32	123.77	123.91	123.61	122.78	121.35	119.28	116.62	113.46	109.96	106.33	102.71	99.28
16	127.30	128.02	128.45	128.41	127.77	126.42	124.30	121.44	117.95	114.00	109.80	105.74	101.91
17	130.45	131.38	132.04	132.24	131.79	130.56	128.49	125.58	121.96	117.81	113.38	109.10	105.07
18	132.63	133.68	134.49	134.86	134.58	133.51	131.57	128.77	125.23	121.13	116.74	112.49	108.52
19	133.80	134.87	135.74	136.20	136.06	135.17	133.44	130.89	127.62	123.82	119.73	115.77	112.07
20	134.05	135.05	135.88	136.36	136.32	135.61	134.16	131.98	129.19	125.83	122.26	118.81	115.60
21	133.55	134.39	135.11	135.55	135.57	135.09	133.91	132.16	129.88	127.21	124.32	121.54	118.95
22	132.51	133.19	133.70	134.06	134.10	133.74	132.93	131.66	130.00	128.09	125.92	123.88	122.00
23	131.17	131.58	131.95	132.20	132.24	132.02	131.52	130.72	129.67	128.43	127.09	125.81	124.63
24	129.63	130.09	130.23	130.36	130.38	130.27	130.00	129.59	129.09	128.50	127.88	127.29	126.77
25	128.64	128.67	128.69	128.71	128.70	128.68	128.62	128.54	128.44	128.38	128.35	128.34	128.36
26	127.69	127.58	127.47	127.39	127.36	127.39	127.48	127.64	127.87	128.17	128.56	128.97	129.39

TABLE 3.33 LOCAL ELEVATION TABLE 29

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15
2	6.25	6.24	6.22	6.20	6.17	6.15	6.13	6.13	6.14	6.18	6.23	6.30	6.37
3	5.28	5.27	5.25	5.22	5.18	5.15	5.12	5.11	5.13	5.18	5.25	5.35	5.45
4	4.44	4.44	4.41	4.38	4.34	4.29	4.26	4.26	4.28	4.33	4.41	4.52	4.64
5	3.87	3.87	3.85	3.82	3.78	3.74	3.71	3.70	3.72	3.77	3.85	3.95	4.06
6	3.75	3.75	3.74	3.72	3.69	3.65	3.63	3.62	3.64	3.68	3.74	3.82	3.91
7	4.25	4.25	4.25	4.24	4.22	4.20	4.18	4.17	4.18	4.21	4.25	4.30	4.36
8	5.50	5.50	5.50	5.50	5.49	5.48	5.47	5.47	5.47	5.48	5.50	5.53	5.56
9	7.57	7.57	7.56	7.56	7.56	7.55	7.55	7.55	7.55	7.56	7.56	7.57	7.57
10	10.43	10.41	10.40	10.40	10.39	10.40	10.40	10.40	10.40	10.40	10.40	10.40	10.40
11	13.98	13.95	13.92	13.91	13.90	13.90	13.90	13.91	13.92	13.92	13.92	13.92	13.92
12	18.03	17.98	17.94	17.91	17.89	17.89	17.89	17.90	17.91	17.93	17.94	17.95	17.97
13	22.36	22.29	22.23	22.18	22.15	22.14	22.14	22.15	22.17	22.19	22.22	22.26	22.29
14	26.83	26.74	26.65	26.59	26.55	26.52	26.52	26.53	26.56	26.60	26.65	26.71	26.77
15	31.02	30.91	30.81	30.72	30.67	30.63	30.62	30.64	30.67	30.73	30.80	30.89	30.98
16	34.67	34.55	34.44	34.34	34.27	34.23	34.22	34.23	34.27	34.34	34.43	34.54	34.66
17	37.60	37.47	37.35	37.25	37.18	37.13	37.11	37.13	37.18	37.25	37.35	37.47	37.60
18	39.70	39.57	39.45	39.35	39.27	39.22	39.21	39.22	39.27	39.35	39.45	39.57	39.71
19	40.93	40.81	40.70	40.61	40.53	40.49	40.47	40.49	40.53	40.61	40.70	40.82	40.95
20	41.38	41.28	41.18	41.10	41.03	40.99	40.98	40.99	41.03	41.09	41.18	41.28	41.39
21	41.17	41.08	41.01	40.94	40.89	40.86	40.85	40.86	40.89	40.94	41.01	41.08	41.17
22	40.47	40.41	40.35	40.30	40.27	40.25	40.24	40.25	40.27	40.31	40.35	40.40	40.46
23	39.48	39.44	39.41	39.38	39.36	39.34	39.34	39.35	39.36	39.38	39.40	39.43	39.45
24	38.41	38.39	38.37	38.36	38.35	38.35	38.35	38.36	38.36	38.37	38.37	38.37	38.37
25	37.43	37.43	37.43	37.43	37.44	37.44	37.45	37.45	37.45	37.45	37.43	37.41	37.38
26	36.61	36.62	36.64	36.65	36.67	36.68	36.69	36.69	36.69	36.67	36.64	36.60	36.55

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.15	7.22	7.29	7.36	7.44	7.50
2	6.44	6.49	6.50	6.47	6.38	6.22	6.01	5.79	5.52	5.22	4.90	4.57	4.25
3	5.55	5.63	5.65	5.60	5.46	5.25	4.95	4.56	4.10	3.57	3.01	2.43	1.85
4	4.75	4.83	4.85	4.80	4.66	4.41	4.07	3.62	3.08	2.47	1.80	1.11	.42
5	4.16	4.24	4.26	4.21	4.08	3.85	3.52	3.10	2.59	2.00	1.36	.68	.00
6	3.99	4.04	4.06	4.02	3.92	3.74	3.48	3.14	2.73	2.25	1.72	1.15	.57
7	4.41	4.45	4.46	4.44	4.37	4.25	4.08	3.85	3.57	3.25	2.88	2.48	2.07
8	5.58	5.60	5.61	5.60	5.56	5.50	5.42	5.31	5.17	5.00	4.82	4.61	4.40
9	7.58	7.58	7.59	7.58	7.57	7.56	7.54	7.52	7.50	7.47	7.45	7.43	7.42
10	10.39	10.39	10.39	10.39	10.39	10.40	10.42	10.45	10.50	10.57	10.68	10.82	10.99
11	13.92	13.92	13.92	13.92	13.92	13.92	13.94	13.97	14.04	14.16	14.35	14.60	14.93
12	17.98	17.99	17.99	17.98	17.96	17.94	17.92	17.92	17.96	18.08	18.30	18.65	19.11
13	22.33	22.35	22.36	22.34	22.29	22.22	22.15	22.11	22.12	22.23	22.45	22.82	23.35
14	26.83	26.87	26.89	26.85	26.77	26.69	26.49	26.36	26.29	26.31	26.49	26.84	27.40
15	31.07	31.13	31.14	31.10	30.98	30.80	30.56	30.39	30.17	30.11	30.21	30.53	31.07
16	34.76	34.84	34.86	34.81	34.66	34.42	34.12	33.82	33.57	33.43	33.46	33.72	34.23
17	37.72	37.81	37.83	37.77	37.61	37.39	37.00	36.69	36.33	36.13	36.10	36.30	36.75
18	39.83	39.92	39.94	39.88	39.71	39.44	39.09	38.71	38.38	38.14	38.07	38.21	38.59
19	41.06	41.15	41.17	41.11	40.95	40.69	40.36	40.00	39.69	39.45	39.35	39.44	39.74
20	41.49	41.56	41.58	41.52	41.39	41.17	40.89	40.58	40.31	40.10	40.00	40.04	40.26
21	41.24	41.29	41.31	41.26	41.16	41.00	40.79	40.56	40.35	40.19	40.10	40.12	40.29
22	40.50	40.53	40.54	40.51	40.45	40.35	40.22	40.08	39.96	39.85	39.79	39.78	39.82
23	39.47	39.48	39.47	39.46	39.44	39.40	39.36	39.32	39.28	39.24	39.21	39.18	39.19
24	38.36	38.35	38.34	38.34	38.35	38.37	38.41	38.45	38.49	38.52	38.52	38.47	38.37
25	37.35	37.32	37.31	37.32	37.36	37.43	37.53	37.64	37.75	37.83	37.86	37.81	37.66
26	36.50	36.48	36.45	36.47	36.53	36.64	36.79	36.95	37.11	37.24	37.28	37.22	37.03

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TABLE 3.34 LOCAL ELEVATION TABLE 30

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56
2	3.69	3.65	3.65	3.66	3.66	3.65	3.64	3.61	3.58	3.56	3.54	3.54	3.56
3	2.66	2.67	2.68	2.69	2.69	2.68	2.66	2.63	2.59	2.56	2.53	2.53	2.54
4	1.81	1.82	1.83	1.85	1.85	1.85	1.83	1.79	1.75	1.71	1.68	1.67	1.69
5	1.23	1.24	1.25	1.27	1.28	1.28	1.26	1.23	1.19	1.15	1.12	1.11	1.13
6	1.11	1.12	1.13	1.15	1.16	1.16	1.15	1.13	1.10	1.07	1.04	1.04	1.05
7	1.62	1.63	1.64	1.65	1.66	1.67	1.66	1.65	1.63	1.61	1.59	1.59	1.60
8	2.89	2.89	2.90	2.91	2.91	2.92	2.92	2.91	2.90	2.89	2.88	2.88	2.88
9	4.98	4.98	4.98	4.98	4.98	4.98	4.97	4.97	4.97	4.97	4.96	4.96	4.97
10	7.87	7.88	7.87	7.86	7.84	7.83	7.82	7.81	7.81	7.81	7.81	7.81	7.82
11	11.45	11.46	11.45	11.42	11.39	11.36	11.33	11.32	11.31	11.31	11.32	11.32	11.33
12	15.53	15.55	15.54	15.50	15.45	15.40	15.35	15.32	15.31	15.30	15.31	15.31	15.33
13	19.89	19.92	19.90	19.84	19.77	19.70	19.64	19.60	19.57	19.55	19.55	19.56	19.58
14	24.38	24.42	24.40	24.33	24.24	24.15	24.07	24.00	23.96	23.93	23.93	23.94	23.97
15	28.58	28.64	28.61	28.53	28.43	28.32	28.22	28.14	28.08	28.04	28.04	28.05	28.09
16	32.25	32.31	32.29	32.20	32.08	31.96	31.85	31.75	31.68	31.64	31.63	31.65	31.69
17	35.18	35.25	35.22	35.14	35.02	34.89	34.77	34.66	34.59	34.54	34.53	34.54	34.59
18	37.27	37.33	37.31	37.23	37.11	36.98	36.86	36.76	36.68	36.64	36.62	36.63	36.68
19	38.49	38.55	38.53	38.46	38.35	38.23	38.12	38.02	37.95	37.90	37.89	37.90	37.94
20	38.92	38.97	38.95	38.89	38.79	38.69	38.59	38.51	38.44	38.41	38.39	38.40	38.44
21	38.68	38.72	38.71	38.66	38.58	38.50	38.42	38.35	38.30	38.27	38.26	38.27	38.30
22	37.96	37.98	37.98	37.94	37.88	37.82	37.76	37.72	37.68	37.66	37.65	37.66	37.68
23	36.94	36.96	36.95	36.92	36.89	36.85	36.82	36.79	36.77	36.76	36.76	36.76	36.77
24	35.85	35.85	35.85	35.84	35.82	35.80	35.79	35.77	35.77	35.76	35.77	35.77	35.78
25	34.85	34.85	34.85	34.85	34.84	34.84	34.84	34.85	34.85	34.86	34.86	34.87	34.87
26	34.02	34.01	34.01	34.02	34.03	34.04	34.05	34.06	34.08	34.09	34.10	34.10	34.10

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.63
2	3.59	3.64	3.71	3.78	3.85	3.90	3.91	3.88	3.79	3.64	3.42	3.20	2.93
3	2.59	2.66	2.76	2.86	2.96	3.04	3.06	3.01	2.88	2.66	2.36	1.97	1.51
4	1.74	1.83	1.94	2.06	2.16	2.24	2.26	2.21	2.07	1.83	1.48	1.03	.49
5	1.18	1.26	1.36	1.47	1.58	1.65	1.67	1.62	1.49	1.26	.93	.51	.00
6	1.09	1.15	1.23	1.32	1.40	1.46	1.47	1.44	1.33	1.15	.89	.55	.14
7	1.62	1.66	1.71	1.77	1.82	1.86	1.87	1.85	1.78	1.66	1.49	1.26	.99
8	2.90	2.92	2.94	2.97	3.00	3.01	3.02	3.01	2.97	2.92	2.83	2.72	2.58
9	4.97	4.97	4.98	4.99	4.99	5.00	5.00	5.00	4.99	4.97	4.96	4.93	4.91
10	7.82	7.82	7.81	7.81	7.80	7.80	7.80	7.80	7.81	7.82	7.83	7.86	7.91
11	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.33	11.35	11.38	11.45
12	15.34	15.35	15.37	15.38	15.39	15.40	15.40	15.40	15.38	15.35	15.33	15.33	15.37
13	19.61	19.64	19.67	19.71	19.74	19.76	19.77	19.75	19.71	19.63	19.57	19.52	19.54
14	24.01	24.06	24.12	24.18	24.24	24.29	24.30	24.27	24.19	24.06	23.90	23.77	23.70
15	28.14	28.21	28.30	28.39	28.48	28.54	28.56	28.51	28.40	28.21	27.97	27.75	27.58
16	31.76	31.85	31.95	32.07	32.18	32.25	32.27	32.22	32.07	31.84	31.54	31.23	30.98
17	34.66	34.77	34.89	35.02	35.14	35.22	35.25	35.18	35.02	34.76	34.41	34.05	33.75
18	36.76	36.86	36.99	37.12	37.25	37.33	37.36	37.29	37.12	36.85	36.50	36.12	35.79
19	38.02	38.12	38.23	38.36	38.48	38.56	38.58	38.52	38.36	38.11	37.78	37.42	37.10
20	38.51	38.59	38.69	38.80	38.90	38.97	38.99	38.94	38.80	38.58	38.30	38.00	37.72
21	38.35	38.42	38.50	38.56	38.66	38.71	38.72	38.68	38.57	38.41	38.20	37.97	37.76
22	37.72	37.76	37.82	37.87	37.92	37.95	37.95	37.92	37.86	37.76	37.63	37.50	37.37
23	36.79	36.82	36.84	36.86	36.88	36.89	36.89	36.87	36.85	36.82	36.78	36.73	36.69
24	35.78	35.79	35.78	35.78	35.77	35.76	35.75	35.75	35.76	35.79	35.82	35.86	35.90
25	34.86	34.84	34.82	34.79	34.76	34.73	34.72	34.73	34.77	34.84	34.94	35.06	35.17
26	34.08	34.05	34.01	33.96	33.91	33.88	33.86	33.88	33.94	34.05	34.20	34.37	34.53

TABLE 3.35 LOCAL ELEVATION TABLE 31

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	59.37	61.01	62.25	63.14	63.76	64.16	64.45	64.63	64.73	64.77	64.74	64.66	64.51
2	55.79	57.89	59.79	61.46	62.87	64.02	64.90	65.52	65.88	66.02	65.95	65.71	65.34
3	51.95	54.49	57.08	59.55	61.81	63.74	65.28	66.38	67.04	67.29	67.17	66.78	66.17
4	47.96	50.94	54.12	57.39	60.47	63.18	65.36	66.94	67.89	68.24	68.09	67.54	66.74
5	43.78	47.20	50.98	54.95	58.79	62.20	64.97	66.98	68.18	68.64	68.46	67.80	66.83
6	39.50	43.32	47.63	52.20	56.70	60.70	63.96	66.33	67.74	68.28	68.09	67.35	66.28
7	35.18	39.35	44.11	49.17	54.17	58.62	62.25	64.87	66.44	67.04	66.83	66.06	64.96
8	30.91	35.38	40.46	45.88	51.21	55.95	59.80	62.56	64.21	64.83	64.62	63.84	62.77
9	26.79	31.47	36.76	42.38	47.87	52.73	56.63	59.42	61.06	61.66	61.44	60.68	59.70
10	22.89	27.70	33.08	38.75	44.22	49.02	52.84	55.52	57.06	57.58	57.32	56.59	55.77
11	19.32	24.16	29.52	35.08	40.36	44.93	48.52	50.98	52.32	52.70	52.37	51.66	51.02
12	16.12	20.90	26.16	31.46	36.37	40.59	43.81	45.93	46.98	47.15	46.71	46.02	45.53
13	13.36	18.00	23.01	27.92	32.39	36.09	38.84	40.53	41.21	41.10	40.99	39.83	39.42
14	11.07	15.49	20.10	24.59	28.47	31.61	33.78	34.94	35.19	34.74	33.91	33.24	32.89
15	9.26	13.33	17.47	21.35	24.69	27.22	28.80	29.42	29.20	28.38	27.29	26.49	26.18
16	7.87	11.50	15.10	18.39	21.09	22.99	23.98	24.06	23.39	22.21	20.89	19.89	19.57
17	6.84	9.96	12.98	15.65	17.72	19.02	19.44	19.02	17.94	16.46	14.94	13.76	13.42
18	6.09	8.66	11.09	13.15	14.62	15.35	15.27	14.45	13.04	11.34	9.70	8.49	8.08
19	5.54	7.55	9.39	10.86	11.79	12.09	11.58	10.46	8.88	7.09	5.44	4.29	3.99
20	5.11	6.56	7.83	8.78	9.24	9.13	8.42	7.18	5.58	3.87	2.37	1.41	1.29
21	4.74	5.64	6.40	6.88	6.99	6.65	5.85	4.66	3.24	1.81	.64	.00	.16
22	4.37	4.75	5.06	5.17	5.03	4.60	3.88	2.93	1.89	.94	.27	.12	.67
23	3.95	3.89	3.81	3.65	3.38	2.99	2.50	1.98	1.50	1.20	1.20	1.66	2.69
24	3.47	3.05	2.67	2.32	2.02	1.80	1.68	1.71	1.99	2.43	3.23	4.40	5.99
25	2.96	2.27	1.67	1.22	.98	1.01	1.35	2.02	3.03	4.38	6.04	7.98	10.16
26	2.48	1.59	.87	.41	.32	.68	1.52	2.86	4.66	6.86	9.35	12.02	14.78

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	64.30	64.02	63.70	63.34	62.96	62.60	62.27	62.01	61.83	61.74	61.73	61.79	61.88
2	64.87	64.34	63.78	63.25	62.75	62.32	61.98	61.74	61.60	61.57	61.63	61.76	61.90
3	65.45	64.68	63.95	63.27	62.68	62.21	61.88	61.71	61.67	61.75	61.91	62.13	62.34
4	65.79	64.86	63.98	63.23	62.63	62.21	61.96	61.89	62.01	62.25	62.56	62.90	63.20
5	65.73	64.70	63.77	63.02	62.50	62.21	62.14	62.26	62.57	63.03	63.54	64.03	64.44
6	65.12	64.06	63.17	62.53	62.18	62.11	62.31	62.73	63.31	64.02	64.77	65.45	65.97
7	63.83	62.83	62.08	61.64	61.57	61.83	62.39	63.18	64.11	65.12	66.13	67.02	67.68
8	61.76	60.92	60.90	60.28	60.58	61.26	62.27	63.50	64.85	66.26	67.58	68.69	69.48
9	58.86	58.27	58.07	58.35	59.11	60.30	61.82	63.55	65.38	67.21	68.86	70.19	71.12
10	55.14	54.85	55.05	55.80	57.10	58.85	60.94	63.21	65.57	67.82	69.78	71.33	72.36
11	50.63	50.68	51.32	52.60	54.48	56.84	59.51	62.39	65.27	67.92	70.17	71.89	72.99
12	45.38	45.79	46.90	48.73	51.22	54.22	57.52	60.98	64.35	67.37	69.86	71.71	72.82
13	39.50	40.27	41.85	44.24	47.34	50.96	54.87	58.92	62.73	66.06	68.74	70.64	71.71
14	33.16	34.27	36.29	39.22	42.91	47.13	51.63	56.19	60.38	63.96	66.74	68.62	69.58
15	26.61	28.01	30.94	33.86	38.08	42.84	47.87	52.86	57.35	61.09	63.89	65.67	66.46
16	20.14	21.79	24.57	28.40	33.08	38.27	43.74	49.05	53.75	57.55	60.28	61.89	62.46
17	14.10	15.95	19.00	23.16	28.17	33.76	39.52	44.97	49.75	53.51	56.09	57.48	57.80
18	8.84	10.85	14.10	18.46	23.79	29.61	35.47	40.93	45.59	49.18	51.55	52.68	52.75
19	4.80	6.90	10.29	14.82	20.18	25.99	31.78	37.10	41.58	44.91	46.99	47.86	47.72
20	2.24	4.45	7.87	12.34	17.56	23.16	28.68	33.70	37.84	40.86	42.44	43.26	42.94
21	1.33	3.60	6.95	11.22	16.12	21.31	26.36	30.90	34.59	37.21	38.67	39.08	38.65
22	2.07	4.40	7.61	11.55	15.96	20.55	24.96	28.86	31.98	34.14	35.29	35.52	35.06
23	4.39	6.76	9.77	13.27	17.06	20.90	24.51	27.66	30.12	31.78	32.62	32.79	32.32
24	8.00	10.42	13.19	16.18	19.26	22.24	24.97	27.28	29.04	30.20	30.75	30.80	30.49
25	12.51	14.98	17.49	19.95	22.28	24.39	26.20	27.66	28.72	29.32	29.69	29.71	29.54
26	17.49	20.01	22.26	24.17	25.77	27.05	28.00	28.66	29.08	29.30	29.39	29.40	29.39

TABLE 3.36 LOCAL ELEVATION TABLE 32

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	25.87	30.46	34.22	36.78	37.87	37.38	35.36	31.99	27.60	22.57	17.40	12.49	8.09
2	25.02	29.45	33.13	35.71	36.95	36.74	35.12	32.26	28.43	23.98	19.35	14.94	10.95
3	23.08	27.11	30.53	33.04	34.44	34.61	33.59	31.51	28.58	25.09	21.35	17.77	14.49
4	20.25	23.69	26.70	29.07	30.61	31.25	30.99	29.90	28.14	25.89	23.36	20.86	18.52
5	16.83	19.54	22.04	24.20	25.89	27.09	27.63	27.68	27.25	26.43	25.33	24.07	22.82
6	13.29	15.15	17.09	19.00	20.81	22.46	23.91	25.12	26.09	26.77	27.17	27.30	27.19
7	9.86	11.01	12.42	14.09	16.00	18.12	20.38	22.67	24.89	26.97	28.81	30.29	31.33
8	6.89	7.35	8.26	9.70	11.70	14.23	17.19	20.44	23.81	27.10	30.22	32.88	34.96
9	4.55	4.43	4.93	6.18	8.23	11.08	14.61	18.64	22.93	27.21	31.35	34.97	37.87
10	2.97	2.92	2.61	3.71	5.80	8.87	12.80	17.38	22.33	27.32	32.18	36.48	39.97
11	2.19	1.34	1.36	2.38	4.48	7.66	11.79	16.69	22.02	27.44	32.72	37.40	41.22
12	2.02	1.17	1.15	2.13	4.22	7.42	11.61	16.55	21.99	27.57	32.97	37.77	41.69
13	2.47	1.66	1.65	2.64	4.71	7.87	11.99	16.85	22.14	27.67	32.98	37.68	41.52
14	3.15	2.48	2.56	3.59	5.64	8.72	12.70	17.36	22.43	27.72	32.77	37.23	40.87
15	3.84	3.34	3.56	4.66	6.70	9.68	13.48	17.91	22.69	27.66	32.39	36.55	39.93
16	4.29	4.00	4.37	5.54	7.58	10.48	14.12	18.32	22.83	27.49	31.90	35.76	38.90
17	4.37	4.26	4.77	6.03	8.09	10.94	14.46	18.49	22.77	27.20	31.35	35.02	37.96
18	4.09	4.07	4.69	6.03	8.12	10.96	14.43	18.35	22.53	26.81	30.83	34.36	37.17
19	3.36	3.48	4.18	5.57	7.71	10.57	14.05	17.97	22.12	26.38	30.37	33.85	36.61
20	2.51	2.65	3.39	4.83	7.02	9.93	13.46	17.44	21.68	26.00	30.03	33.53	36.31
21	1.72	1.85	2.59	4.09	6.27	9.24	12.85	16.92	21.34	25.74	29.85	33.42	36.27
22	1.35	1.36	2.06	3.51	5.76	8.77	12.45	16.67	21.19	25.69	29.89	33.54	36.46
23	1.62	1.54	2.12	3.52	5.75	8.77	12.52	16.81	21.37	25.91	30.16	33.86	36.83
24	2.67	2.53	3.05	4.35	6.50	9.49	13.20	17.44	21.96	26.47	30.69	34.37	37.32
25	4.64	4.45	4.89	6.10	8.15	11.01	14.57	18.66	23.02	27.38	31.46	35.02	37.87
26	7.53	7.31	7.69	8.79	10.67	13.33	16.65	20.46	24.54	28.61	32.43	35.75	38.45

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	4.50	1.90	.90	.00	.67	2.33	4.86	8.09	11.85	15.96	20.22	24.51	28.61
2	7.66	5.26	3.84	3.43	4.02	5.54	7.90	10.95	14.54	18.50	22.63	26.84	30.85
3	11.73	9.67	8.42	8.02	8.48	9.76	11.79	14.49	17.71	21.30	25.08	28.97	32.68
4	16.50	14.94	13.94	13.57	13.87	14.84	16.44	18.62	21.28	24.30	27.53	30.86	34.11
5	21.66	20.68	20.00	19.68	19.80	20.38	21.46	23.02	25.00	27.31	29.86	32.51	35.17
6	26.91	26.52	26.16	25.90	25.82	26.01	26.53	27.41	28.65	30.20	31.99	33.91	35.90
7	31.95	32.18	32.10	31.83	31.54	31.33	31.30	31.52	32.03	32.83	33.87	35.08	36.38
8	36.38	37.16	37.37	37.14	36.62	36.01	35.48	35.10	34.95	35.06	35.43	35.99	36.68
9	39.94	41.16	41.61	41.41	40.74	39.81	38.84	37.97	37.28	36.83	36.64	36.64	36.87
10	42.49	44.03	44.64	43.96	43.69	42.54	41.24	40.02	38.94	38.08	37.48	37.12	36.96
11	44.01	45.73	46.43	46.26	45.43	44.15	42.66	41.23	39.92	38.82	37.97	37.38	37.00
12	44.57	46.34	47.07	46.91	46.05	44.73	43.18	41.67	40.28	39.09	38.15	37.47	37.02
13	44.33	46.06	46.77	46.60	45.75	44.46	42.94	41.47	40.12	38.97	38.07	37.43	37.01
14	43.52	45.14	45.79	45.61	44.80	43.57	42.16	40.81	39.59	38.57	37.81	37.29	36.99
15	42.37	43.85	44.42	44.23	43.47	42.34	41.07	39.89	38.84	38.02	37.44	37.10	36.96
16	41.15	42.50	43.01	42.82	42.10	41.07	39.93	38.89	38.03	37.40	37.02	36.88	36.92
17	40.06	41.31	41.76	41.56	40.89	39.95	38.92	37.97	37.23	36.29	36.23	36.18	36.81
18	39.17	40.35	40.77	40.58	39.99	39.06	38.12	37.28	36.66	35.92	29.61	36.02	36.77
19	38.58	39.73	40.14	39.95	39.39	38.49	37.61	36.83	36.29	35.54	35.70	35.86	36.72
20	38.29	39.46	39.88	39.70	39.09	38.26	37.39	36.64	36.16	67.17	64.10	36.27	36.72
21	38.30	39.50	39.94	39.77	39.16	38.32	37.43	36.69	67.69	98.81	98.86	67.76	36.69
22	38.55	39.78	40.24	40.07	39.46	38.59	37.67	36.93	67.88	98.99	98.98	67.80	36.69
23	38.95	40.21	40.68	40.51	39.87	38.98	38.07	37.27	68.16	99.18	99.12	67.89	36.72
24	39.43	40.70	41.18	41.00	40.35	39.43	38.48	37.64	68.48	99.42	99.29	68.01	36.78
25	39.94	41.16	41.61	41.41	40.74	39.81	38.84	37.97	37.28	68.18	68.01	36.66	36.82
26	40.36	41.48	41.84	41.64	40.97	40.09	39.09	38.23	37.53	37.07	36.89	36.83	36.90

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TABLE 3.37 : LOCAL ELEVATION TABLE 33

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	34.90	34.95	35.11	35.38	35.70	36.06	36.34	36.50	36.47	36.23	35.77	35.18	34.44
2	34.85	35.04	35.30	35.60	35.93	36.29	36.46	36.55	36.47	36.21	35.77	35.24	34.61
3	35.14	35.38	35.63	35.86	36.10	36.29	36.39	36.40	36.30	36.08	35.78	35.46	35.09
4	35.80	35.97	36.09	36.14	36.19	36.17	36.11	36.02	35.94	35.86	35.80	35.84	35.91
5	36.76	36.76	36.64	36.44	36.18	35.90	35.66	35.51	35.48	35.62	35.92	36.39	37.06
6	37.91	37.66	37.24	36.68	36.06	35.50	35.06	34.85	34.93	35.34	36.10	37.16	38.47
7	39.16	38.58	37.77	36.79	35.82	34.98	34.37	34.12	34.35	35.10	36.36	38.07	40.12
8	40.19	39.26	38.06	36.71	35.45	34.36	33.64	33.42	33.83	34.94	36.72	39.08	41.87
9	40.71	39.49	37.99	36.39	34.92	33.70	32.95	32.83	33.47	34.93	37.19	40.13	43.57
10	40.49	39.08	37.42	35.74	34.22	33.03	32.38	32.44	33.35	35.14	37.78	41.16	45.06
11	39.34	37.89	36.26	34.71	33.35	32.38	31.98	32.32	33.51	35.58	38.49	42.10	46.23
12	37.16	35.85	34.50	33.28	32.31	31.75	31.77	32.48	33.96	36.24	39.26	42.89	46.97
13	33.95	33.00	32.14	31.46	31.09	31.14	31.71	32.87	34.66	37.07	40.03	43.46	47.21
14	29.91	29.47	29.23	29.29	29.69	30.50	31.74	33.41	35.49	37.99	40.72	43.74	46.92
15	25.26	25.42	25.92	26.63	28.12	29.78	31.74	33.93	36.28	38.72	41.20	43.68	46.12
16	20.28	21.07	22.37	24.16	26.38	28.89	31.57	34.34	36.98	39.38	41.48	43.30	44.89
17	15.28	16.71	18.77	21.40	24.46	27.76	31.19	34.43	37.27	39.58	41.30	42.48	43.24
18	10.63	12.60	15.32	18.64	22.40	26.37	30.35	33.95	36.93	39.14	40.52	41.17	41.25
19	6.60	8.99	12.17	15.98	20.20	24.63	28.94	32.75	35.79	37.92	39.07	39.36	39.01
20	3.50	6.07	9.48	13.50	17.90	22.49	26.89	30.74	33.78	35.85	36.92	37.08	36.58
21	1.36	3.98	7.33	11.28	15.55	19.99	24.23	27.94	30.90	32.95	34.08	34.37	34.05
22	.22	2.69	5.78	9.35	13.20	17.20	21.04	24.45	27.26	29.34	30.67	31.33	31.48
23	.00	2.15	4.77	7.76	10.96	14.29	17.48	20.47	23.07	25.20	26.85	28.05	28.93
24	.54	2.24	4.24	6.47	8.86	11.33	13.81	16.25	18.58	20.78	22.81	24.69	26.42
25	1.63	2.79	4.09	5.98	6.96	8.56	10.29	12.18	14.25	16.49	18.89	21.41	23.99
26	3.04	3.65	4.21	4.76	5.34	6.07	7.05	8.40	10.20	12.47	15.19	18.30	21.64

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	33.63	32.80	32.05	31.42	30.97	30.72	30.68	30.82	31.10	31.48	31.89	32.29	32.64
2	33.92	33.24	32.61	32.10	31.73	31.53	31.50	31.62	31.86	32.18	32.52	32.85	33.14
3	34.71	34.33	33.99	33.71	33.52	33.42	33.40	33.48	33.61	33.79	33.98	34.16	34.32
4	36.01	36.12	36.22	36.31	36.38	36.42	36.43	36.42	36.39	36.35	36.31	36.27	36.23
5	37.80	38.54	39.23	39.80	40.21	40.44	40.49	40.38	40.14	39.83	39.49	39.16	38.89
6	39.96	41.46	42.83	43.97	44.79	45.25	45.35	45.14	44.68	44.06	43.38	42.74	42.19
7	42.36	44.66	46.76	48.51	49.77	50.49	50.67	50.37	49.70	48.79	47.79	46.83	46.02
8	44.89	48.01	50.86	53.22	54.95	55.95	56.23	55.86	54.98	53.79	52.49	51.29	50.28
9	47.26	88.16	91.55	57.45	59.60	60.89	61.32	60.98	60.09	58.70	57.22	55.86	54.69
10	86.62	128.32	132.25	97.75	63.25	64.81	65.44	65.23	64.37	63.05	61.55	60.16	58.95
11	88.00	129.90	134.03	99.76	65.48	67.29	68.17	68.22	67.60	66.52	65.20	63.94	62.84
12	88.65	130.44	134.50	100.27	66.05	68.05	69.24	69.67	69.48	68.84	67.93	66.99	66.14
13	88.50	129.87	133.58	99.23	64.87	67.04	68.56	69.49	69.90	69.90	69.62	69.18	68.72
14	87.56	128.24	131.37	96.74	62.10	64.37	66.26	67.77	68.91	69.71	70.22	70.48	70.56
15	48.54	88.02	90.37	55.69	58.05	60.38	62.63	64.76	66.70	68.40	69.81	70.87	71.59
16	46.35	47.85	49.46	51.27	53.33	55.65	58.19	60.86	63.60	66.21	68.53	70.43	71.81
17	43.79	44.45	45.31	46.57	48.33	50.63	53.43	56.60	59.98	63.42	66.58	69.26	71.29
18	41.05	41.01	41.26	42.05	43.55	45.81	48.81	52.41	56.34	60.33	64.18	67.51	70.10
19	38.19	37.87	37.70	38.17	39.49	41.74	44.86	48.69	52.95	57.33	61.59	65.32	68.32
20	35.85	35.19	34.89	35.24	36.47	38.66	41.78	45.69	49.99	54.50	58.83	62.81	66.05
21	33.59	33.06	32.90	33.34	34.58	36.72	39.72	43.42	47.58	51.93	56.15	60.07	63.35
22	31.49	31.48	31.73	32.45	33.81	35.88	38.65	41.99	45.73	49.64	53.49	57.13	60.28
23	29.68	30.40	31.25	32.40	33.94	35.93	38.38	41.21	44.32	47.57	50.85	54.01	56.89
24	28.06	29.65	31.24	32.89	34.64	36.55	38.62	40.84	43.19	45.64	48.15	50.69	53.19
25	26.55	29.08	31.47	33.67	35.66	37.44	39.06	40.57	42.06	43.65	45.39	47.23	49.31
26	25.10	28.51	31.64	34.33	36.49	38.11	39.25	40.03	40.64	41.35	42.25	43.51	45.21

TABLE 3.38 LOCAL ELEVATION TABLE 34

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	28.87	28.86	28.85	28.86	28.88	28.95	29.06	29.22	29.43	29.67	29.92	30.14	30.26
2	28.38	28.47	28.58	28.71	28.85	29.00	29.15	29.31	29.46	29.60	29.71	29.76	29.76
3	27.96	28.14	28.36	28.61	28.86	29.09	29.27	29.40	29.47	29.47	29.40	29.29	29.16
4	27.68	27.94	28.26	28.61	28.95	29.23	29.42	29.49	29.44	29.28	29.03	28.76	28.53
5	27.63	27.95	28.34	28.76	29.14	29.44	29.60	29.59	29.41	29.07	28.63	28.20	27.87
6	27.89	28.25	28.67	29.11	29.49	29.76	29.85	29.72	29.37	28.84	28.20	27.64	27.22
7	28.51	28.87	29.28	29.68	30.01	30.19	30.16	29.87	29.35	28.62	27.80	27.09	26.59
8	29.47	29.80	30.15	30.47	30.68	30.72	30.52	30.06	29.33	28.41	27.43	26.59	26.02
9	30.68	30.95	31.21	31.40	31.46	31.32	30.93	30.26	29.34	28.24	27.11	26.16	25.54
10	32.04	32.23	32.37	32.42	32.29	31.95	31.35	30.47	29.36	28.10	26.86	25.83	25.17
11	33.35	33.46	33.48	33.36	33.05	32.51	31.72	30.66	29.39	28.01	26.70	25.61	24.93
12	34.28	34.32	34.25	34.01	33.57	32.89	31.96	30.79	29.42	27.98	26.63	25.52	24.84
13	34.55	34.57	34.46	34.18	33.69	32.98	32.01	30.82	29.44	28.00	26.67	25.58	24.90
14	33.92	33.97	33.91	33.69	33.29	32.67	31.81	30.72	29.44	28.09	26.82	25.78	25.13
15	32.20	32.35	32.45	32.44	32.28	31.91	31.31	30.46	29.40	28.23	27.08	26.12	25.51
16	29.37	29.68	30.04	30.38	30.62	30.68	30.50	30.05	29.33	28.42	27.43	26.59	26.02
17	25.50	26.08	26.79	27.59	28.39	29.04	29.43	29.50	29.22	28.66	27.90	27.16	26.64
18	20.83	21.73	22.92	24.28	25.74	27.09	28.17	28.86	29.10	28.92	28.41	27.78	27.32
19	15.71	17.00	18.72	20.73	22.93	25.06	26.87	28.21	28.99	29.20	28.96	28.43	27.99
20	10.61	12.31	14.62	17.39	20.33	23.18	25.68	27.64	28.92	29.50	29.49	29.08	28.59
21	6.10	8.26	11.14	14.51	18.10	21.60	24.71	27.20	28.90	29.78	29.97	29.61	29.07
22	2.65	5.20	8.54	12.41	16.51	20.52	24.09	26.96	28.96	30.05	30.34	30.00	29.37
23	.53	3.44	7.12	11.34	15.78	20.08	23.91	26.98	29.12	30.28	30.59	30.20	29.46
24	.00	3.18	7.08	11.47	16.01	20.38	24.22	27.28	29.37	30.47	30.69	30.20	29.33
25	1.10	4.47	8.44	12.79	17.21	21.38	25.00	27.82	29.68	30.60	30.63	29.99	28.99
26	3.71	7.17	11.06	15.16	19.22	22.97	26.15	28.54	30.04	30.65	30.43	29.62	28.52

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	30.25	30.06	29.67	29.16	28.55	27.95	27.49	27.33	27.63	28.54	30.16	32.54	35.63
2	29.68	29.51	29.28	29.04	28.83	28.72	28.83	29.25	30.11	31.50	33.48	36.06	39.19
3	29.09	28.96	28.95	29.06	29.33	29.82	30.60	31.71	33.20	35.11	37.49	40.17	43.24
4	28.40	28.42	28.67	29.19	30.02	31.19	32.69	34.54	36.69	39.12	41.79	44.62	47.55
5	27.74	27.89	28.41	29.36	30.77	32.62	34.87	37.45	40.25	43.19	46.19	49.12	51.89
6	27.08	27.36	28.16	29.53	31.50	34.00	36.94	40.20	43.61	47.08	50.36	53.32	55.86
7	26.47	26.87	27.92	29.67	32.12	35.19	38.74	42.58	46.56	50.42	53.91	56.86	59.15
8	25.91	26.42	27.68	29.74	32.59	36.11	40.13	44.42	48.85	53.00	56.62	59.52	61.60
9	25.44	26.04	27.45	29.74	32.86	36.71	41.05	45.67	50.36	54.69	58.38	61.22	63.10
10	25.06	25.73	27.25	29.67	32.96	36.98	41.51	46.30	51.12	55.52	59.21	61.99	63.73
11	24.85	25.52	27.08	29.56	32.91	36.99	41.56	46.39	51.22	55.61	59.26	61.98	63.64
12	24.75	25.44	26.99	29.45	32.77	36.80	41.31	46.08	50.84	55.16	58.76	61.43	63.07
13	24.82	25.48	26.99	29.38	32.61	36.53	40.92	45.56	50.21	54.44	58.00	60.68	62.38
14	25.04	25.66	27.10	29.39	32.49	36.27	40.52	45.08	49.63	53.81	57.35	60.07	61.86
15	25.41	25.98	27.33	29.51	32.48	36.11	40.23	44.72	49.20	53.35	56.92	59.72	61.69
16	25.91	26.42	27.68	29.74	32.59	36.11	40.13	44.56	49.02	53.20	56.85	59.77	61.85
17	26.51	26.95	28.11	30.07	32.82	36.27	40.25	44.64	49.14	53.40	57.17	60.24	62.50
18	27.16	27.52	28.59	30.45	33.13	36.55	40.54	44.90	49.50	53.89	57.81	61.05	63.49
19	27.79	28.07	29.03	30.81	33.44	36.86	40.90	45.35	50.00	54.54	58.64	62.06	64.67
20	28.34	28.52	29.38	31.07	33.66	37.08	41.19	45.73	50.51	55.21	59.46	63.03	65.76
21	28.74	28.81	29.56	31.16	33.70	37.11	41.25	45.87	50.73	55.54	59.89	63.54	66.31
22	28.94	28.89	29.51	31.01	33.46	36.82	40.94	45.56	50.45	55.26	59.64	63.26	65.99
23	28.91	28.73	29.21	30.56	32.89	36.15	40.17	44.70	49.49	54.22	58.47	61.97	64.55
24	28.65	28.32	28.65	29.84	32.00	35.07	38.90	43.22	47.79	52.29	56.28	59.52	61.85
25	28.18	27.72	27.89	28.90	30.84	33.65	37.18	41.16	45.39	49.50	53.10	55.96	57.93
26	27.59	27.01	27.04	27.86	29.53	32.02	35.15	38.69	42.44	46.03	49.12	51.49	53.03

TABLE 3.39 LOCAL ELEVATION TABLE 35

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	66.71	66.27	65.04	62.97	60.07	56.53	51.49	37.81	29.00	22.25	17.82	15.90	16.58
2	65.28	64.89	63.81	61.97	59.41	56.44	46.85	30.22	17.11	7.72	2.28	.94	3.84
3	63.62	63.31	62.45	60.97	58.87	56.43	44.89	28.77	16.05	6.92	1.52	.00	2.48
4	62.06	61.84	61.21	60.12	58.54	56.69	48.31	32.84	20.69	11.96	6.75	5.18	7.35
5	60.73	60.60	60.23	59.56	58.56	57.20	54.41	42.39	30.92	22.71	17.82	16.32	18.31
6	59.88	59.84	59.72	59.47	59.05	58.39	57.18	54.68	45.51	41.76	34.51	35.97	34.00
7	59.72	59.77	59.88	60.01	60.12	60.10	59.87	59.12	61.35	63.59	61.09	58.50	51.29
8	60.44	60.56	60.85	61.30	61.84	62.36	62.74	62.81	62.45	64.93	59.68	60.73	54.06
9	62.13	62.29	62.71	63.38	64.23	65.15	65.99	66.56	66.71	66.27	65.09	62.97	60.07
10	64.78	64.97	65.46	66.24	67.26	68.40	69.51	70.42	71.00	70.97	70.20	68.58	66.12
11	68.30	68.49	68.98	69.77	70.81	72.00	73.21	74.32	75.11	75.38	74.98	73.83	71.89
12	72.48	72.65	73.08	73.79	74.73	75.82	76.99	78.09	78.93	79.37	79.28	78.58	77.22
13	77.10	77.25	77.61	78.17	78.91	79.77	80.71	81.63	82.40	82.90	83.09	82.75	81.97
14	81.88	81.98	82.20	82.55	83.02	83.58	84.20	84.84	85.44	85.92	86.23	86.30	86.07
15	86.91	86.95	86.53	86.65	86.83	87.06	87.35	87.68	88.04	88.44	88.84	89.21	89.47
16	90.91	90.39	90.34	90.25	90.15	90.06	90.02	90.07	90.23	90.53	90.97	91.52	92.14
17	93.64	93.58	93.43	93.17	92.83	92.47	92.16	91.96	91.93	92.13	92.58	93.27	94.13
18	95.94	95.86	95.63	95.26	94.76	94.21	93.72	93.34	93.17	93.27	93.70	94.45	95.46
19	97.29	97.20	96.94	96.51	95.94	95.30	94.71	94.29	93.98	94.01	94.38	95.12	96.15
20	97.75	97.66	97.41	96.99	96.43	95.79	95.19	94.70	94.41	94.39	94.70	95.36	96.31
21	136.57	97.90	97.18	96.82	96.33	95.76	95.24	94.80	94.52	94.48	94.71	95.25	96.04
22	175.40	135.92	96.44	96.16	95.79	95.36	94.95	94.60	94.38	94.33	94.50	94.88	95.47
23	174.27	134.84	95.40	95.22	94.98	94.70	94.44	94.21	94.06	94.02	94.12	94.36	94.73
24	173.09	133.65	94.28	94.19	94.07	93.93	93.81	93.70	93.63	93.61	93.65	93.76	93.92
25	172.02	132.54	93.27	93.25	93.24	93.22	93.20	93.18	93.17	93.17	93.18	93.20	93.23
26	171.15	131.64	92.43	92.47	92.52	92.59	92.65	92.72	92.76	92.79	92.78	92.74	92.66

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	19.89	28.34	29.99	30.60	31.44	32.32	33.09	33.62	33.89	33.89	33.69	33.38	33.11
2	11.00	22.42	27.70	27.37	27.59	28.05	28.60	29.18	29.72	30.20	30.62	31.01	31.38
3	9.03	19.69	26.38	25.44	24.94	24.83	25.09	25.51	26.19	27.00	27.91	28.87	29.83
4	13.37	23.31	26.95	24.95	23.67	22.90	22.66	22.89	23.55	24.55	25.79	27.16	28.56
5	23.89	30.13	28.57	25.97	23.90	22.45	21.66	21.55	22.05	23.06	24.45	26.07	27.74
6	37.53	35.02	31.78	28.48	25.69	23.56	22.21	21.66	21.87	22.74	24.09	25.75	27.51
7	44.08	40.33	36.25	32.39	29.00	26.29	24.38	23.34	23.16	23.71	24.89	26.34	27.98
8	50.26	46.09	41.78	37.58	33.77	30.57	28.16	26.62	25.96	26.07	26.79	27.93	29.27
9	56.99	52.45	48.14	43.83	39.80	36.28	33.46	31.49	30.29	29.79	29.96	30.56	31.90
10	62.91	59.13	55.07	50.90	46.87	43.20	40.09	37.63	35.88	34.79	34.27	34.19	34.39
11	69.24	65.98	62.29	58.47	54.66	51.02	47.74	44.92	42.63	40.86	39.58	38.71	38.16
12	75.22	72.66	69.64	66.31	62.82	59.37	56.04	52.95	50.16	47.73	45.67	43.97	42.62
13	80.69	78.91	76.68	74.06	71.13	67.97	64.69	61.40	58.19	55.13	52.31	49.79	47.63
14	85.50	84.53	83.13	81.29	79.01	76.29	73.21	69.83	66.26	62.68	59.22	55.99	53.12
15	89.54	89.33	88.74	87.67	86.05	83.84	81.04	77.72	73.98	69.98	66.01	62.22	58.76
16	92.75	93.19	93.31	92.94	91.95	90.25	87.80	84.63	80.87	76.70	72.38	68.22	64.37
17	95.10	96.09	96.70	96.90	96.46	95.24	93.17	90.27	86.65	82.50	78.07	73.78	69.76
18	96.61	97.85	98.89	99.50	99.48	98.67	96.99	94.44	91.11	87.20	82.94	78.73	74.76
19	97.38	98.71	99.92	100.72	101.03	100.57	99.27	97.12	94.22	90.72	86.85	82.96	79.27
20	97.47	98.74	99.95	100.86	101.28	101.07	100.12	98.42	96.03	93.09	89.79	86.42	83.19
21	97.03	98.12	99.18	100.02	100.48	100.43	99.79	98.53	96.71	94.42	91.82	89.10	86.48
22	96.21	97.03	97.86	98.53	98.93	98.98	98.59	97.75	96.50	94.89	93.03	91.04	89.10
23	95.19	95.72	96.25	96.70	96.99	97.06	96.87	96.39	95.66	94.69	93.55	92.32	91.07
24	94.17	94.44	94.71	94.93	95.08	95.11	95.02	94.78	94.46	94.05	93.55	92.99	92.41
25	93.27	93.31	93.34	93.37	93.38	93.37	93.34	93.29	93.22	93.17	93.17	93.17	93.17
26	92.55	92.42	92.29	92.16	92.05	91.98	91.95	91.99	92.09	92.26	92.59	92.98	93.42

TABLE 3.40 LOCAL ELEVATION TABLE 36

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	2.02	1.95	1.86	1.77	1.68	1.61	1.56	1.53	1.52	1.53	1.54	1.57	1.59
2	1.26	1.17	1.07	.96	.85	.76	.69	.66	.64	.65	.67	.70	.73
3	.71	.63	.52	.41	.30	.20	.13	.09	.08	.09	.11	.14	.18
4	.57	.50	.41	.30	.20	.11	.05	.01	.00	.01	.03	.06	.09
5	.99	.95	.88	.80	.72	.66	.61	.58	.57	.57	.59	.62	.64
6	2.12	2.10	2.06	2.02	1.98	1.94	1.92	1.90	1.90	1.90	1.91	1.92	1.93
7	4.02	4.02	4.02	4.02	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
8	6.68	6.70	6.74	6.79	6.84	6.89	6.93	6.95	6.95	6.95	6.93	6.92	6.90
9	10.01	10.04	10.12	10.22	10.33	10.43	10.50	10.54	10.55	10.54	10.51	10.48	10.44
10	13.84	13.88	13.99	14.15	14.31	14.45	14.56	14.63	14.64	14.63	14.58	14.53	14.47
11	18.00	18.03	18.16	18.34	18.55	18.74	18.89	18.97	19.00	18.97	18.91	18.84	18.78
12	22.28	22.31	22.46	22.67	22.92	23.16	23.34	23.45	23.48	23.45	23.37	23.29	23.21
13	26.31	26.34	26.50	26.74	27.03	27.30	27.51	27.63	27.67	27.64	27.56	27.46	27.36
14	29.86	29.88	30.05	30.31	30.62	30.92	31.14	31.28	31.33	31.30	31.21	31.10	31.00
15	32.73	32.74	32.92	33.19	33.50	33.81	34.05	34.20	34.25	34.23	34.15	34.04	33.92
16	34.81	34.83	35.00	35.26	35.57	35.88	36.12	36.28	36.34	36.32	36.25	36.14	36.03
17	36.10	36.11	36.27	36.51	36.81	37.10	37.34	37.49	37.56	37.56	37.50	37.40	37.29
18	36.65	36.66	36.79	37.01	37.28	37.54	37.76	37.92	37.99	38.00	37.96	37.88	37.77
19	36.59	36.59	36.70	36.89	37.11	37.34	37.54	37.68	37.76	37.78	37.76	37.69	37.60
20	36.08	36.08	36.17	36.32	36.49	36.68	36.84	36.96	37.04	37.07	37.06	37.01	36.94
21	35.31	35.32	35.38	35.49	35.61	35.75	35.87	35.96	36.02	36.05	36.05	36.03	35.97
22	34.48	34.49	34.54	34.61	34.70	34.78	34.85	34.90	34.93	34.95	34.94	34.93	34.90
23	33.77	33.78	33.81	33.85	33.89	33.92	33.93	33.94	33.94	33.93	33.92	33.91	33.90
24	33.21	33.23	33.25	33.25	33.25	33.23	33.19	33.15	33.10	33.06	33.04	33.03	33.04
25	32.86	32.88	32.89	32.88	32.84	32.78	32.69	32.60	32.51	32.44	32.39	32.38	32.41
26	32.72	32.75	32.76	32.74	32.67	32.58	32.46	32.33	32.20	32.09	32.02	32.00	32.04

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	1.61	1.63	1.64	1.64	1.63	1.63	1.62	1.61	1.60	1.60	1.60	1.61	1.62
2	.76	.78	.79	.79	.79	.77	.76	.75	.74	.74	.74	.75	.76
3	.20	.22	.23	.23	.23	.21	.20	.19	.18	.18	.18	.18	.19
4	.12	.14	.14	.14	.13	.12	.11	.10	.09	.09	.09	.09	.10
5	.66	.67	.68	.68	.67	.66	.65	.64	.63	.63	.63	.64	.64
6	1.94	1.95	1.95	1.95	1.95	1.94	1.94	1.93	1.93	1.93	1.93	1.93	1.93
7	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
8	6.89	6.88	6.88	6.88	6.89	6.90	6.91	6.92	6.92	6.92	6.92	6.91	6.90
9	10.41	10.40	10.40	10.40	10.42	10.44	10.46	10.48	10.49	10.49	10.48	10.47	10.45
10	14.43	14.41	14.41	14.42	14.45	14.48	14.51	14.53	14.54	14.54	14.53	14.51	14.49
11	18.72	18.69	18.69	18.70	18.73	18.77	18.81	18.84	18.86	18.86	18.85	18.82	18.79
12	23.14	23.11	23.10	23.11	23.14	23.19	23.24	23.27	23.29	23.30	23.28	23.26	23.22
13	27.29	27.24	27.22	27.23	27.27	27.31	27.36	27.40	27.42	27.43	27.42	27.39	27.36
14	30.91	30.85	30.82	30.83	30.85	30.89	30.93	30.97	30.99	31.01	31.00	30.99	30.96
15	33.83	33.75	33.71	33.69	33.70	33.73	33.76	33.79	33.81	33.83	33.84	33.84	33.84
16	35.92	35.83	35.77	35.73	35.72	35.72	35.73	35.75	35.78	35.80	35.83	35.85	35.87
17	37.18	37.08	36.99	36.93	36.89	36.86	36.86	36.86	36.89	36.92	36.96	37.01	37.06
18	37.66	37.55	37.44	37.36	37.29	37.24	37.21	37.20	37.22	37.26	37.32	37.39	37.47
19	37.49	37.37	37.26	37.16	37.07	36.99	36.95	36.93	36.95	36.99	37.06	37.15	37.25
20	36.84	36.73	36.62	36.51	36.41	36.33	36.27	36.25	36.26	36.30	36.38	36.47	36.58
21	35.90	35.81	35.71	35.62	35.53	35.45	35.40	35.37	35.38	35.42	35.48	35.56	35.66
22	34.86	34.81	34.76	34.71	34.66	34.63	34.60	34.58	34.59	34.61	34.64	34.69	34.74
23	33.90	33.90	33.91	33.91	33.93	33.94	33.94	33.95	33.95	33.95	33.94	33.93	33.92
24	33.08	33.14	33.21	33.30	33.38	33.46	33.52	33.55	33.55	33.52	33.46	33.38	33.29
25	32.48	32.60	32.75	32.92	33.08	33.23	33.34	33.40	33.40	33.34	33.23	33.08	32.91
26	32.15	32.32	32.53	32.77	33.01	33.22	33.39	33.47	33.47	33.39	33.22	33.01	32.76

TABLE 3.41 LOCAL ELEVATION TABLE 37

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	25.68	25.67	25.68	25.71	25.77	25.88	26.05	26.26	26.49	26.75	26.96	27.09	27.07
2	25.29	25.40	25.53	25.67	25.82	25.97	26.13	26.28	26.42	26.53	26.59	26.58	26.50
3	24.96	25.19	25.43	25.68	25.91	26.09	26.22	26.29	26.29	26.22	26.11	25.98	25.86
4	24.76	25.08	25.43	25.77	26.05	26.24	26.31	26.27	26.11	25.86	25.58	25.35	25.22
5	24.77	25.17	25.58	25.97	26.26	26.42	26.42	26.23	25.89	25.45	25.02	24.70	24.56
6	25.07	25.50	25.93	26.32	26.58	26.67	26.54	26.19	25.66	25.03	24.46	24.04	23.91
7	25.69	26.10	26.51	26.83	27.01	26.98	26.70	26.17	25.44	24.62	23.91	23.41	23.29
8	26.62	26.97	27.29	27.51	27.54	27.35	26.88	26.16	25.24	24.25	23.41	22.85	22.73
9	27.77	28.03	28.22	28.28	28.19	27.75	27.08	26.16	25.06	23.93	22.98	22.36	22.26
10	29.05	29.20	29.24	29.12	28.78	28.17	27.30	26.18	24.92	23.68	22.65	21.99	21.90
11	30.28	30.30	30.18	29.87	29.34	28.54	27.48	26.21	24.83	23.52	22.43	21.75	21.67
12	31.15	31.07	30.83	30.39	29.71	28.79	27.61	26.24	24.80	23.45	22.35	21.66	21.58
13	31.40	31.28	31.00	30.51	29.80	28.89	27.69	26.26	24.83	23.49	22.40	21.72	21.64
14	30.79	30.73	30.52	30.12	29.49	28.63	27.59	26.26	24.91	23.64	22.60	21.95	21.86
15	29.17	29.27	29.26	29.10	28.73	28.13	27.28	26.22	25.05	23.90	22.94	22.33	22.23
16	26.50	26.86	27.21	27.44	27.50	27.32	26.87	26.15	25.24	24.26	23.41	22.85	22.73
17	22.90	23.62	24.42	25.21	25.86	26.25	26.32	26.04	25.48	24.72	23.98	23.46	23.34
18	18.55	19.74	21.10	22.56	23.91	24.99	25.68	25.92	25.74	25.23	24.60	24.14	23.98
19	13.82	15.54	17.55	19.76	21.88	23.69	25.04	25.81	26.03	25.78	25.26	24.81	24.61
20	9.13	11.44	14.21	17.15	20.00	22.51	24.46	25.74	26.32	26.32	25.90	25.41	25.16
21	5.08	7.96	11.33	14.92	18.42	21.54	24.02	25.72	26.60	26.79	26.44	25.89	25.56
22	2.02	5.36	9.23	13.34	17.34	20.91	23.79	25.78	26.87	27.16	26.82	26.19	25.77
23	.26	3.94	8.17	12.60	16.91	20.73	23.81	25.94	27.11	27.41	27.02	26.28	25.74
24	.00	3.91	8.29	12.84	17.20	21.05	24.10	26.19	27.30	27.51	27.02	26.15	25.47
25	1.29	5.27	9.61	14.03	18.20	21.82	24.64	26.50	27.42	27.45	26.81	25.82	25.01
26	3.99	7.88	11.98	16.05	19.80	22.97	25.36	26.86	27.47	27.26	26.44	25.34	24.42

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	26.88	26.49	25.98	25.37	24.77	24.31	24.15	24.45	25.36	26.98	29.36	32.45	36.15
2	26.34	26.10	25.86	25.65	25.54	25.65	26.08	26.94	28.32	30.30	32.88	36.01	39.58
3	25.78	25.77	25.88	26.15	26.65	27.42	28.53	30.03	31.94	34.27	37.00	40.06	43.37
4	25.29	25.49	26.01	26.84	28.01	29.52	31.36	33.51	35.94	38.61	41.44	44.37	47.35
5	24.71	25.23	26.18	27.59	29.45	31.69	34.27	37.07	40.01	43.01	45.95	48.72	51.25
6	24.19	24.98	26.36	28.32	30.82	33.77	37.02	40.43	43.90	47.18	50.19	52.68	54.74
7	23.69	24.74	26.49	28.94	32.01	35.56	39.40	43.39	47.25	50.73	53.68	55.98	57.59
8	23.25	24.50	26.56	29.41	32.93	36.95	41.24	45.67	49.82	53.49	56.34	58.42	59.65
9	22.86	24.27	26.56	29.69	33.53	37.88	42.49	47.19	51.51	55.20	58.04	59.93	60.85
10	22.55	24.07	26.49	29.79	33.80	38.33	43.12	47.94	52.34	56.03	58.81	60.55	61.28
11	22.35	23.91	26.39	29.74	33.81	38.38	43.21	48.04	52.43	56.09	58.80	60.46	61.09
12	22.26	23.81	26.28	29.60	33.62	38.14	42.91	47.67	51.99	55.59	58.26	59.90	60.52
13	22.30	23.81	26.21	29.43	33.35	37.74	42.38	47.03	51.26	54.82	57.50	59.20	59.93
14	22.48	23.92	26.21	29.32	33.09	37.34	41.90	46.45	50.63	54.18	56.89	58.68	59.54
15	22.80	24.15	26.33	29.30	32.99	37.05	41.59	46.02	50.17	53.75	56.54	58.46	59.49
16	23.25	24.50	26.56	29.41	32.93	36.96	41.38	45.84	50.03	53.67	56.59	58.67	59.89
17	23.78	24.94	26.89	29.69	33.09	37.08	41.46	45.96	50.22	53.99	57.07	59.32	60.74
18	24.35	25.41	27.27	29.95	33.37	37.37	41.73	46.32	50.71	54.63	57.88	60.31	61.89
19	24.89	25.85	27.63	30.26	33.68	37.72	42.17	46.82	51.36	55.46	58.88	61.49	63.23
20	25.34	26.20	27.90	30.48	33.91	38.01	42.56	47.33	52.03	56.29	59.85	62.58	64.40
21	25.64	26.38	27.99	30.52	33.93	38.07	42.69	47.55	52.36	56.72	60.36	63.13	64.96
22	25.72	26.34	27.83	30.28	33.65	37.77	42.39	47.27	52.10	56.46	60.09	62.82	64.58
23	25.55	26.03	27.39	29.71	32.97	36.99	41.52	46.32	51.05	55.29	58.79	61.37	62.99
24	25.14	25.47	26.66	28.82	31.89	35.72	40.04	44.62	49.11	53.10	56.34	58.67	60.05
25	24.54	24.71	25.72	27.66	30.47	34.00	37.98	42.21	46.32	49.92	52.78	54.76	55.83
26	23.84	23.86	24.68	26.36	28.84	31.98	35.51	39.26	42.85	45.94	48.31	49.85	50.56

TABLE 3.42 LOCAL ELEVATION TABLE 38

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	69.69	68.17	66.78	65.63	64.86	64.53	64.71	65.42	66.66	68.42	70.64	73.26	76.18
2	69.37	67.80	66.35	65.13	64.27	63.88	64.02	64.77	66.12	68.08	70.60	73.60	76.97
3	68.41	66.85	65.40	64.13	63.20	62.74	62.85	63.60	65.04	67.17	69.95	73.29	77.07
4	66.71	65.24	63.80	62.53	61.55	61.03	61.09	61.84	63.33	65.59	68.58	72.21	76.34
5	64.24	62.91	61.53	60.28	59.28	58.71	58.72	59.44	60.95	63.30	66.45	70.31	74.72
6	61.02	59.88	58.59	57.39	56.38	55.77	55.72	56.40	57.91	60.30	63.55	67.56	72.16
7	57.12	56.18	55.03	53.87	52.89	52.29	52.15	52.77	54.24	56.63	59.91	64.00	68.70
8	52.64	51.90	50.89	49.80	48.85	48.19	48.05	48.61	50.02	52.36	55.62	59.68	64.38
9	47.71	47.13	46.27	45.24	44.34	43.69	43.51	44.02	45.35	47.60	50.76	54.72	59.29
10	42.45	42.00	41.25	40.31	39.46	38.83	38.64	39.09	40.33	42.46	45.45	49.21	53.55
11	37.02	36.64	35.98	35.12	34.39	33.75	33.57	33.97	35.11	37.07	39.84	43.32	47.33
12	31.67	31.29	30.66	29.89	29.13	28.61	28.44	28.81	29.84	31.61	34.11	37.23	40.82
13	26.49	26.09	25.50	24.80	24.10	23.57	23.44	23.78	24.71	26.27	28.45	31.16	34.26
14	21.69	21.20	20.63	20.00	19.40	18.96	18.81	19.08	19.89	21.23	23.09	25.43	28.07
15	17.28	16.80	16.27	15.71	15.21	14.86	14.76	15.01	15.69	16.81	18.35	20.24	22.33
16	13.54	13.07	12.58	12.11	11.70	11.44	11.39	11.62	12.18	13.07	14.28	15.72	17.30
17	10.53	10.12	9.72	9.35	9.04	8.85	8.83	9.02	9.45	10.13	11.02	12.06	13.16
18	8.32	8.06	7.79	7.53	7.32	7.19	7.17	7.30	7.59	8.06	8.67	9.36	10.06
19	6.91	6.87	6.79	6.68	6.55	6.45	6.41	6.45	6.60	6.87	7.23	7.69	8.04
20	6.21	6.49	6.65	6.70	6.66	6.57	6.47	6.40	6.40	6.49	6.69	6.84	7.02
21	6.07	6.75	7.19	7.42	7.46	7.36	7.17	6.98	6.82	6.73	6.73	6.77	6.82
22	6.26	7.39	8.15	8.57	8.68	8.55	8.27	7.93	7.61	7.37	7.23	7.17	7.16
23	6.64	8.23	9.33	9.95	10.13	9.97	9.58	9.09	8.65	8.27	8.01	7.87	7.80
24	6.84	8.89	10.31	11.11	11.36	11.17	10.67	10.03	9.44	8.94	8.59	8.40	8.34
25	6.53	8.97	10.68	11.65	11.97	11.75	11.17	10.40	9.67	9.04	8.59	8.34	8.28
26	5.48	8.21	10.14	11.26	11.64	11.42	10.77	9.91	9.05	8.30	7.74	7.40	7.30

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	79.31	82.54	85.77	88.83	91.59	93.92	95.72	96.89	97.36	97.08	96.03	94.24	91.75
2	80.59	84.34	88.09	91.62	94.79	97.45	99.48	100.77	101.27	100.91	99.71	97.68	94.90
3	81.14	85.36	89.56	93.52	97.03	99.95	102.15	103.52	104.01	103.58	102.23	100.02	97.03
4	80.80	85.92	90.02	94.31	98.10	101.20	103.50	104.90	105.35	104.84	103.38	101.05	97.96
5	79.48	84.43	89.32	93.86	97.83	101.09	103.38	104.75	105.13	104.53	103.00	100.63	97.53
6	77.14	82.31	87.40	92.09	96.14	99.37	101.66	102.96	103.25	102.58	101.02	98.67	95.68
7	73.78	79.06	84.23	88.95	92.98	96.14	98.33	99.50	99.69	98.96	97.41	95.18	92.41
8	69.45	74.72	79.84	84.47	88.37	91.37	93.39	94.41	94.48	93.71	92.23	90.20	87.76
9	64.23	69.35	74.29	78.70	82.37	85.14	86.94	87.77	87.74	86.97	85.41	83.84	81.83
10	58.23	63.08	67.70	71.79	75.13	77.58	79.11	79.76	79.63	78.88	77.71	76.29	74.81
11	51.62	56.07	60.26	63.91	66.84	68.93	70.16	70.60	70.40	69.72	68.78	67.81	66.94
12	44.69	48.57	52.22	55.35	57.79	59.47	60.38	60.63	60.37	59.80	59.18	58.69	58.42
13	37.62	40.92	43.93	46.46	48.37	49.61	50.20	50.26	49.97	49.54	49.24	49.22	49.55
14	30.83	33.49	35.87	37.81	39.18	39.98	40.25	40.13	39.80	39.49	39.39	39.76	40.66
15	24.98	26.51	28.26	29.59	30.45	30.82	30.78	30.99	30.13	29.92	30.06	30.74	32.09
16	18.87	20.29	21.94	22.22	22.58	22.55	22.23	21.77	21.37	21.23	21.57	22.54	24.25
17	14.21	15.10	15.72	16.01	15.99	15.57	14.98	14.36	13.89	13.78	14.23	15.39	17.35
18	10.68	11.13	11.32	11.22	10.80	10.14	9.33	8.55	7.99	7.85	8.32	9.55	11.60
19	8.34	8.46	8.35	7.96	7.29	6.40	5.42	4.50	3.82	3.59	3.99	5.15	7.15
20	7.11	7.09	6.74	6.18	5.36	4.34	3.23	2.19	1.39	1.02	1.27	2.25	4.09
21	6.81	6.65	6.29	5.67	4.81	3.74	2.57	1.49	.52	.00	.03	.75	2.21
22	7.12	6.98	6.65	6.08	5.27	4.24	3.08	1.92	.92	.25	.05	.96	1.53
23	7.77	7.68	7.44	6.98	6.26	5.36	4.29	3.18	2.17	1.39	1.00	1.10	1.75
24	8.35	8.39	8.31	8.04	7.54	6.80	5.88	4.86	3.92	3.13	2.60	2.43	2.68
25	8.34	8.46	8.56	8.52	8.28	7.83	7.18	6.30	5.62	4.91	4.35	4.02	3.92
26	7.37	7.54	7.78	7.96	8.01	7.91	7.64	7.23	6.75	6.27	5.84	5.51	5.31

TABLE 3.43 LOCAL ELEVATION TABLE 39

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	3.26	3.31	3.33	3.33	3.30	3.24	3.14	3.01	2.88	2.76	2.68	2.67	2.73
2	6.14	6.14	6.14	6.13	6.13	6.12	6.12	6.11	6.11	6.11	6.11	6.11	6.11
3	8.25	8.22	8.19	8.18	8.20	8.24	8.31	8.39	8.49	8.59	8.65	8.67	8.62
4	9.54	9.49	9.45	9.44	9.47	9.55	9.66	9.81	9.97	10.13	10.23	10.25	10.14
5	10.07	10.01	9.97	9.96	10.00	10.09	10.23	10.40	10.60	10.78	10.89	10.90	10.75
6	9.95	9.88	9.84	9.84	9.88	9.97	10.11	10.29	10.49	10.67	10.77	10.76	10.59
7	9.31	9.25	9.22	9.22	9.26	9.35	9.48	9.63	9.81	9.96	10.04	10.01	9.83
8	8.33	8.28	8.26	8.26	8.30	8.38	8.48	8.60	8.74	8.84	8.90	8.86	8.70
9	7.17	7.14	7.13	7.15	7.18	7.24	7.31	7.38	7.46	7.52	7.54	7.51	7.42
10	6.06	6.05	6.06	6.09	6.13	6.16	6.18	6.19	6.20	6.20	6.19	6.20	6.20
11	5.08	5.10	5.14	5.18	5.21	5.20	5.17	5.11	5.04	4.97	4.95	4.98	5.10
12	4.35	4.40	4.46	4.51	4.53	4.48	4.38	4.23	4.06	3.92	3.86	3.94	4.19
13	3.99	4.03	4.12	4.18	4.17	4.07	3.87	3.61	3.33	3.09	2.99	3.13	3.56
14	3.91	4.05	4.18	4.24	4.19	4.01	3.70	3.30	2.87	2.51	2.38	2.57	3.13
15	4.28	4.50	4.66	4.71	4.61	4.33	3.87	3.29	2.67	2.17	1.98	2.17	2.85
16	5.06	5.36	5.56	5.60	5.43	5.01	4.38	3.57	2.73	2.06	1.73	1.88	2.63
17	6.19	6.59	6.84	6.86	6.60	6.03	5.17	4.11	2.98	2.10	1.59	1.63	2.40
18	7.60	8.13	8.42	8.41	8.09	7.29	6.18	4.82	3.41	2.25	1.49	1.37	2.11
19	9.17	9.83	10.17	10.12	9.63	8.68	7.31	5.63	3.93	2.44	1.41	1.09	1.75
20	10.84	11.63	12.02	11.93	11.31	10.14	8.48	6.48	4.43	2.63	1.31	.79	1.32
21	12.35	13.27	13.69	13.54	12.77	11.39	9.98	7.18	4.84	2.75	1.19	.98	.90
22	13.48	14.51	14.94	14.72	13.81	12.25	10.12	7.60	5.05	2.77	1.05	.21	.55
23	14.05	15.14	15.55	15.29	14.21	12.50	10.23	7.60	4.98	2.65	.89	.04	.37
24	13.86	14.98	15.33	14.91	13.77	11.97	9.67	7.06	4.55	2.33	.72	.00	.43
25	12.79	13.86	14.11	13.58	12.39	10.54	8.31	5.92	3.69	1.80	.52	.12	.78
26	10.77	11.74	11.83	11.17	9.88	8.13	6.12	4.14	2.37	1.02	.29	.37	1.42

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	2.89	3.16	3.53	3.98	4.50	5.05	5.61	6.12	6.55	6.87	7.06	7.14	7.10
2	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.12	6.11	6.10	6.10
3	8.48	8.25	7.94	7.55	7.11	6.65	6.22	5.83	5.51	5.27	5.14	5.10	5.17
4	9.89	9.49	8.93	8.25	7.48	6.70	5.95	5.29	4.76	4.38	4.19	4.18	4.34
5	10.43	9.90	9.19	8.33	7.36	6.39	5.47	4.66	4.02	3.59	3.42	3.47	3.71
6	10.22	9.65	8.88	7.95	6.93	5.90	4.95	4.13	3.51	3.11	2.97	3.07	3.38
7	9.47	8.93	8.21	7.34	6.43	5.52	4.66	3.93	3.37	3.09	2.95	3.09	3.43
8	8.41	7.97	7.42	6.79	6.09	5.38	4.72	4.16	3.75	3.52	3.48	3.63	3.94
9	7.27	7.09	6.75	6.40	6.02	5.63	5.27	4.97	4.76	4.65	4.65	4.75	4.94
10	6.22	6.24	6.28	6.31	6.35	6.39	6.42	6.45	6.47	6.49	6.49	6.49	6.48
11	5.33	5.66	6.10	6.61	7.16	7.71	8.21	8.62	8.90	9.04	9.01	8.83	8.52
12	4.66	5.35	6.25	7.30	8.44	9.57	10.60	11.43	11.99	12.24	12.14	11.71	11.01
13	4.29	5.35	6.70	8.34	10.12	11.88	13.48	14.77	15.62	15.96	15.76	15.04	13.88
14	4.14	5.60	7.48	9.66	12.08	14.51	16.71	18.47	19.62	20.05	19.72	18.66	17.00
15	4.11	5.97	8.36	11.16	14.18	17.30	20.11	22.36	23.82	24.33	23.85	22.44	20.24
16	4.11	6.32	9.21	12.61	16.29	20.10	23.54	26.28	28.05	28.65	28.03	26.26	23.52
17	4.09	6.57	9.91	13.87	18.17	22.64	26.69	29.92	32.00	32.71	31.97	29.86	26.61
18	3.85	6.43	10.36	14.82	19.69	24.77	29.90	33.09	35.49	36.31	35.48	33.08	29.37
19	3.53	6.19	10.53	15.92	20.77	26.39	31.52	35.65	38.33	39.28	38.39	35.76	31.68
20	3.10	6.17	10.95	15.66	21.90	27.44	33.00	37.47	40.41	41.48	40.56	37.77	33.41
21	2.49	5.78	10.19	15.62	21.62	27.95	33.80	38.53	41.65	42.82	41.90	39.02	34.50
22	2.26	5.41	9.88	15.40	21.52	27.98	33.96	38.81	42.03	43.25	42.36	39.45	34.87
23	2.08	5.21	9.65	15.13	21.21	27.62	33.55	38.36	41.55	42.77	41.90	39.03	34.51
24	2.18	5.29	9.64	14.95	20.81	26.98	32.65	37.29	40.27	41.41	40.54	37.77	33.41
25	2.66	5.75	9.94	14.96	20.47	26.15	31.36	35.53	38.25	39.22	38.34	35.71	31.43
26	3.50	6.59	10.57	15.19	20.20	25.22	29.75	33.33	35.60	36.31	35.40	32.95	29.22

TABLE 3.44 LOCAL ELEVATION TABLE 40

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	77.94	77.30	76.82	76.48	76.26	76.17	76.12	76.11	76.09	76.06	76.00	75.91	75.78
2	77.93	77.28	76.79	76.44	76.24	76.12	76.03	75.94	75.86	75.77	75.69	75.62	75.56
3	77.66	77.11	76.72	76.46	76.35	76.28	76.21	76.11	75.99	75.87	75.76	75.71	75.71
4	77.07	76.74	76.59	76.54	76.62	76.69	76.71	76.66	76.55	76.43	76.31	76.25	76.28
5	76.09	76.14	76.35	76.64	77.03	77.34	77.53	77.60	77.56	77.46	77.34	77.26	77.27
6	74.72	75.28	75.98	76.76	77.51	78.15	78.61	78.85	78.92	78.86	78.75	78.64	78.60
7	72.96	74.14	75.44	76.80	78.05	79.07	79.82	80.29	80.49	80.49	80.38	80.25	80.16
8	70.86	72.71	74.69	76.68	78.47	79.96	81.08	81.80	82.17	82.24	82.11	81.89	81.69
9	68.47	71.01	73.68	76.30	78.65	80.60	82.07	83.04	83.54	83.66	83.51	83.19	82.84
10	65.89	69.07	72.38	75.58	78.43	80.78	82.56	83.72	84.32	84.44	84.22	83.79	83.29
11	63.19	66.91	70.77	74.44	77.70	80.36	82.34	83.60	84.21	84.28	83.94	83.37	82.74
12	60.47	64.58	68.84	72.85	76.36	79.20	81.25	82.50	83.02	82.95	82.45	81.73	81.01
13	57.82	62.14	66.61	70.78	74.39	77.24	79.21	80.32	80.65	80.35	79.65	78.78	78.00
14	55.32	59.67	64.13	68.27	71.79	74.48	76.24	77.07	77.10	76.53	75.59	74.62	73.81
15	53.07	57.26	61.98	65.39	68.64	71.02	72.43	72.90	72.57	71.68	70.51	69.49	68.71
16	51.13	54.96	58.76	62.26	65.09	67.03	68.00	68.05	67.34	66.14	64.85	63.77	63.10
17	49.54	52.84	56.11	59.02	61.30	62.73	63.21	62.83	61.82	60.45	59.03	57.97	57.49
18	48.33	50.98	53.59	55.87	57.54	58.43	58.48	57.79	56.56	55.09	53.71	52.75	52.52
19	47.51	49.42	51.30	52.88	53.94	54.32	54.01	53.09	51.78	50.37	49.19	48.55	48.72
20	47.07	48.20	49.31	50.18	50.64	50.58	50.01	49.02	47.82	46.67	45.87	45.70	46.39
21	46.98	47.34	47.68	47.87	47.79	47.40	46.71	45.83	44.94	44.26	44.02	44.47	45.76
22	47.17	46.81	46.44	46.02	45.50	44.89	44.25	43.67	43.28	43.26	43.76	44.94	46.88
23	47.56	46.58	45.60	44.67	43.83	43.16	42.71	42.59	42.87	43.65	45.00	46.98	49.61
24	48.05	46.58	45.13	43.83	42.82	42.21	42.10	42.55	43.61	45.27	47.52	50.32	53.58
25	48.56	46.73	44.98	43.50	42.46	42.05	42.36	43.96	45.31	47.85	50.95	54.98	58.28
26	48.91	46.96	45.17	43.70	42.81	42.71	43.52	45.27	47.87	51.18	55.01	59.12	63.38

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	75.61	75.43	75.26	75.13	75.09	75.21	75.51	76.02	76.78	77.82	79.13	80.72	82.57
2	75.54	75.54	75.57	75.64	75.75	75.90	76.11	76.40	76.79	77.30	77.98	78.87	80.01
3	75.78	75.92	76.11	76.33	76.54	76.72	76.83	76.88	76.89	76.88	76.94	77.17	77.65
4	76.41	76.62	76.90	77.20	77.45	77.59	77.59	77.41	77.05	76.58	76.10	75.72	75.60
5	77.40	77.62	77.91	78.20	78.42	78.50	78.35	77.93	77.24	76.37	75.42	74.56	73.96
6	78.66	78.82	79.05	79.28	79.43	79.38	79.05	78.40	77.43	76.23	74.94	75.34	72.77
7	80.14	80.18	80.27	80.36	80.35	80.14	79.63	78.78	77.60	76.17	76.21	76.28	70.99
8	81.52	81.40	81.32	81.25	81.07	80.69	80.09	79.05	77.73	76.14	72.85	63.27	55.72
9	82.52	82.23	81.98	81.75	81.44	80.95	80.21	79.16	82.01	73.95	61.99	50.97	42.95
10	82.82	82.40	82.03	81.69	81.32	80.82	80.09	83.20	86.30	68.72	53.01	41.69	33.89
11	82.17	81.67	81.26	80.92	80.62	80.22	79.64	78.81	79.97	61.32	49.92	34.35	22.76
12	80.37	79.88	79.56	79.37	79.25	79.12	78.83	78.31	75.92	61.17	48.70	27.62	10.67
13	77.38	77.00	76.89	77.00	77.23	77.53	77.70	77.62	79.51	61.49	51.74	23.93	5.16
14	73.26	73.13	73.37	73.93	74.68	75.55	76.30	80.84	85.38	70.08	54.78	29.54	.13
15	68.36	68.53	69.23	70.37	71.77	73.32	74.76	75.87	80.77	71.09	50.73	23.50	3.37
16	63.01	63.61	64.86	66.65	68.85	71.18	73.33	75.06	76.16	62.55	46.69	25.66	7.14
17	57.75	58.83	60.70	63.29	66.25	69.29	72.10	74.90	70.15	55.60	40.97	24.92	9.19
18	53.19	54.84	57.38	60.61	64.22	67.88	71.24	74.01	65.81	50.61	34.81	20.35	2.17
19	49.88	52.05	55.19	58.90	63.03	67.16	70.91	74.00	64.96	49.15	33.08	16.59	.00
20	48.06	50.74	54.28	58.99	62.89	67.27	71.21	74.90	66.46	51.37	35.59	19.30	3.18
21	47.97	51.09	54.96	59.33	63.89	68.27	72.14	75.22	71.96	57.10	41.95	26.65	11.85
22	49.63	53.11	57.14	61.54	65.95	70.09	73.65	76.39	78.14	65.89	51.64	37.65	24.61
23	52.84	56.57	60.63	64.81	68.86	72.51	75.54	77.77	79.13	76.25	63.90	51.22	40.31
24	57.20	61.06	64.97	68.77	72.25	75.27	77.65	79.26	80.03	80.02	77.36	66.70	57.11
25	62.18	66.10	69.78	73.09	75.91	78.13	79.68	80.52	80.67	80.21	79.28	78.06	73.58
26	67.48	71.23	74.47	77.12	79.12	80.47	81.17	81.28	80.86	80.03	78.92	77.71	76.61

TABLE 3.45 LOCAL ELEVATION TABLE 41

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	6.15	6.15	6.15	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16	6.16
2	8.63	8.69	8.71	8.66	8.52	8.29	7.98	7.59	7.15	6.69	6.26	5.87	5.55
3	10.17	10.27	10.29	10.18	9.94	9.53	8.97	8.29	7.52	6.74	6.00	5.33	4.80
4	10.82	10.93	10.94	10.79	10.47	9.94	9.23	8.37	7.40	6.43	5.51	4.70	4.06
5	10.71	10.81	10.80	10.63	10.26	9.69	8.92	7.99	6.97	5.94	4.99	4.17	3.55
6	10.00	10.08	10.05	9.87	9.52	8.97	8.25	7.38	6.47	5.56	4.70	3.97	3.41
7	8.88	8.94	8.90	8.74	8.45	8.01	7.46	6.83	6.13	5.42	4.76	4.20	3.79
8	7.56	7.58	7.55	7.46	7.31	7.08	6.79	6.44	6.06	5.67	5.31	5.01	4.80
9	6.24	6.24	6.24	6.24	6.26	6.28	6.32	6.35	6.39	6.43	6.46	6.49	6.51
10	5.01	4.99	5.02	5.14	5.37	5.70	6.14	6.65	7.20	7.75	8.25	8.66	8.95
11	3.96	3.90	3.98	4.23	4.70	5.39	6.29	7.34	8.48	9.61	10.64	11.47	12.04
12	3.14	3.03	3.17	3.60	4.33	5.39	6.74	8.38	10.16	11.92	13.52	14.81	15.66
13	2.55	2.42	2.61	3.18	4.18	5.64	7.52	9.70	12.12	14.55	16.75	18.51	19.66
14	2.21	2.02	2.21	2.89	4.15	6.01	8.40	11.20	14.22	17.34	20.15	22.40	23.86
15	2.10	1.77	1.92	2.67	4.15	6.36	9.25	12.65	16.33	20.14	23.58	26.32	28.09
16	2.14	1.63	1.67	2.44	4.08	6.61	9.95	13.91	18.21	22.68	26.73	29.96	32.04
17	2.29	1.53	1.41	2.15	3.89	6.67	10.40	14.86	19.73	24.81	29.44	33.13	35.53
18	2.48	1.45	1.13	1.79	3.57	6.53	10.57	15.46	20.81	26.43	31.56	35.69	38.37
19	2.67	1.35	.83	1.36	3.19	6.22	10.49	15.70	21.45	27.49	33.04	37.51	40.45
20	2.79	1.23	.52	.94	2.68	5.82	10.23	15.66	21.67	27.99	33.84	38.57	41.69
21	2.81	1.09	.25	.59	2.30	5.45	9.92	15.49	21.56	28.02	34.00	38.85	42.07
22	2.69	.93	.08	.41	2.12	5.25	9.69	15.17	21.25	27.66	33.59	38.40	41.59
23	2.38	.76	.04	.47	2.23	5.33	9.68	14.99	20.85	27.02	32.69	37.28	40.31
24	1.84	.56	.16	.82	2.70	5.79	9.98	15.00	20.51	26.19	31.40	35.58	38.29
25	1.06	.33	.41	1.46	3.59	6.63	10.61	15.23	20.29	25.26	29.79	33.37	35.64
26	.00	.00	.75	2.30	4.66	7.78	11.52	15.66	20.01	24.29	27.94	30.77	32.46

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	6.16	6.15	6.15	6.15	6.15	6.15	6.15	6.16	6.17	6.20	6.23	6.27	6.31
2	5.31	5.18	5.14	5.21	5.34	5.52	5.72	5.92	6.09	6.24	6.35	6.43	6.46
3	4.42	4.23	4.22	4.38	4.65	5.00	5.37	5.73	6.05	6.29	6.47	6.56	6.57
4	3.63	3.46	3.51	3.75	4.14	4.63	5.14	5.62	6.03	6.35	6.55	6.64	6.63
5	3.15	3.01	3.11	3.42	3.89	4.46	5.04	5.59	6.04	6.38	6.59	6.66	6.63
6	3.08	2.99	3.13	3.47	3.96	4.53	5.11	5.64	6.06	6.38	6.56	6.60	6.55
7	3.56	3.52	3.67	3.98	4.39	4.87	5.34	5.77	6.09	6.33	6.45	6.44	6.37
8	4.69	4.69	4.79	4.98	5.23	5.51	5.77	5.98	6.13	6.22	6.23	6.18	6.09
9	6.53	6.53	6.53	6.52	6.49	6.44	6.37	6.27	6.16	6.05	5.93	5.82	5.74
10	9.08	9.05	8.87	8.56	8.14	7.66	7.15	6.64	6.21	5.85	5.57	5.38	5.31
11	12.28	12.18	11.75	11.06	10.15	9.13	8.07	7.10	6.28	5.61	5.14	4.87	4.80
12	16.00	15.80	15.08	13.92	12.45	10.80	9.13	7.64	6.35	5.34	4.65	4.30	4.25
13	20.09	19.76	18.70	17.04	14.99	12.60	10.31	8.22	6.43	5.05	4.19	3.69	3.67
14	24.37	23.90	22.48	20.28	17.52	14.47	11.53	8.80	6.50	4.75	3.62	3.09	3.10
15	28.69	28.07	26.30	23.54	20.13	16.35	12.72	9.38	6.57	4.45	3.11	2.50	2.55
16	32.75	32.01	29.90	26.65	22.59	18.12	13.84	9.92	6.63	4.17	2.63	1.97	2.06
17	36.35	35.52	33.12	29.41	24.79	19.70	14.84	10.38	6.67	3.92	2.22	1.51	1.65
18	39.32	38.43	35.80	31.72	26.62	21.01	15.66	10.77	6.70	3.71	1.87	1.13	1.32
19	41.52	40.60	37.81	33.45	27.99	21.99	16.27	11.04	6.72	3.54	1.61	.87	1.10
20	42.86	41.94	39.06	34.54	28.85	22.60	16.64	11.20	6.71	3.43	1.46	.71	.98
21	43.29	42.40	39.49	34.91	29.14	22.80	16.75	11.24	6.70	3.39	1.40	.67	.96
22	42.82	41.94	39.07	34.55	28.85	22.58	16.61	11.16	6.68	3.41	1.46	.75	1.05
23	41.45	40.56	37.81	33.45	27.98	21.95	16.21	10.98	6.66	3.52	1.64	.94	1.22
24	39.27	38.38	35.76	31.67	26.55	20.94	15.58	10.70	6.64	3.70	1.92	1.24	1.47
25	36.35	35.49	32.99	29.26	24.64	19.58	14.75	10.34	6.67	3.97	2.30	1.62	1.78
26	32.84	31.87	29.63	26.35	22.33	17.95	13.76	9.92	6.78	4.29	2.75	2.07	2.13

TABLE 3.46 LOCAL ELEVATION TABLE 42

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	21.03	18.84	18.92	21.21	25.32	29.65	31.70	39.62	50.30	49.37	50.05	57.07	57.29
2	30.98	28.09	27.62	29.56	31.44	27.81	24.53	23.78	26.01	27.13	34.04	45.50	56.61
3	44.23	40.66	39.66	41.26	39.38	29.69	20.14	11.08	7.85	11.16	23.30	36.94	51.41
4	59.36	56.24	54.75	54.63	47.32	35.16	19.65	7.33	.96	6.85	19.40	33.87	48.98
5	60.25	59.58	59.05	58.60	51.85	38.86	22.91	10.21	6.33	10.23	22.81	36.79	51.49
6	59.88	58.84	58.03	57.46	56.38	44.58	32.42	24.79	22.30	25.19	33.10	45.21	56.75
7	59.37	58.13	57.15	56.53	56.10	55.05	47.32	41.70	39.99	42.38	48.50	56.63	57.46
8	58.84	57.55	56.52	55.86	55.61	55.64	55.96	56.41	56.87	57.33	57.54	57.54	57.39
9	58.41	57.19	56.23	55.62	55.37	55.44	55.75	56.20	56.51	57.07	57.33	57.43	57.40
10	58.18	57.16	56.36	55.84	55.60	55.63	55.87	56.23	56.63	56.99	57.28	57.45	57.54
11	58.19	57.47	56.89	56.51	56.32	56.33	56.48	56.72	57.01	57.29	57.53	57.72	57.94
12	58.48	58.11	57.81	57.60	57.50	57.49	57.56	57.68	57.83	57.99	58.13	58.26	58.37
13	59.05	59.04	59.03	59.03	59.03	59.04	59.05	59.05	59.06	59.06	59.07	59.07	59.08
14	59.83	60.17	60.45	60.65	60.78	60.82	60.79	60.70	60.57	60.41	60.25	60.09	59.92
15	60.73	61.40	61.97	62.38	62.63	62.73	62.67	62.50	62.29	61.92	61.57	61.21	60.85
16	61.64	62.54	63.30	63.87	64.24	64.40	64.36	64.15	63.81	63.36	62.85	62.29	61.71
17	62.31	63.31	64.17	64.84	65.29	65.50	65.49	65.28	64.90	64.38	63.76	63.05	62.30
18	62.52	63.50	64.35	65.03	65.49	65.73	65.75	65.56	65.19	64.67	64.02	63.27	62.44
19	62.11	62.91	63.62	64.19	64.59	64.81	64.85	64.71	64.41	63.96	63.40	62.73	61.99
20	60.92	61.40	61.82	62.17	62.41	62.56	62.59	62.52	62.39	62.07	61.72	61.30	60.83
21	58.93	58.93	58.93	58.93	58.93	58.93	58.93	58.93	58.93	58.93	58.93	58.92	58.92
22	56.18	55.60	55.07	54.64	54.31	54.12	54.06	54.14	54.35	54.69	55.15	55.70	56.33
23	52.83	51.58	50.45	49.51	48.80	48.37	48.22	48.38	48.84	49.58	50.58	51.80	53.18
24	49.13	47.17	45.41	43.93	42.81	42.12	41.88	42.11	42.83	43.99	45.57	47.50	49.69
25	45.48	42.82	40.42	38.41	36.88	35.93	35.58	35.89	36.89	38.41	40.54	43.15	46.12
26	42.21	38.96	36.04	33.59	31.74	30.58	30.16	30.51	31.65	33.55	36.13	39.29	42.89

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	56.71	56.33	56.32	56.73	57.59	58.90	60.62	62.70	65.06	67.59	70.22	72.80	75.21
2	56.61	56.25	56.17	56.55	57.48	58.97	61.01	63.54	66.45	69.61	72.91	76.20	79.26
3	56.68	56.26	56.11	56.47	57.44	59.07	61.35	64.22	67.57	71.24	75.07	78.92	82.52
4	56.77	56.32	56.14	56.49	57.48	59.19	61.61	64.69	68.31	72.30	76.49	80.71	84.67
5	56.86	56.43	56.27	56.61	57.60	59.32	61.77	64.91	68.61	72.71	77.01	81.37	85.48
6	56.93	56.58	56.47	56.83	60.99	59.45	64.94	64.85	68.43	72.90	76.57	80.83	84.85
7	57.05	56.77	56.78	60.65	64.76	66.62	68.48	68.09	67.82	71.42	75.23	79.14	82.85
8	57.13	56.91	55.72	49.09	47.69	49.43	50.85	55.59	65.38	69.75	73.11	76.47	79.70
9	57.31	56.43	46.90	37.74	33.03	32.31	35.61	42.91	54.19	66.93	70.38	73.08	75.70
10	57.79	51.96	39.52	30.84	25.99	25.01	27.91	34.67	45.27	59.66	67.46	69.27	71.21
11	58.31	49.95	37.52	28.78	23.76	22.98	24.96	31.19	41.16	54.86	64.54	65.58	66.76
12	58.67	52.88	40.39	31.53	26.30	24.72	26.78	32.51	41.91	54.98	61.43	61.87	62.61
13	59.08	58.28	48.10	39.06	33.60	31.71	33.41	38.70	47.62	57.57	58.57	58.72	59.00
14	59.76	59.60	58.22	50.74	48.43	43.50	47.66	49.12	55.81	56.51	56.41	56.21	56.15
15	60.48	60.08	59.65	62.65	65.64	64.99	64.33	60.07	55.87	55.40	54.86	54.95	54.20
16	61.09	60.96	59.78	59.08	61.85	57.51	60.33	56.06	55.28	54.59	53.99	53.37	53.20
17	61.50	60.67	59.81	58.95	58.13	57.30	56.50	55.72	54.77	54.10	53.47	53.08	52.69
18	61.57	60.66	59.74	58.85	58.04	57.26	56.53	55.60	53.77	45.12	38.63	36.19	38.08
19	61.20	60.38	59.57	58.81	58.14	57.52	56.96	55.91	43.20	30.38	21.96	19.00	21.65
20	60.32	59.80	59.29	58.83	58.46	58.13	57.89	51.51	35.91	21.21	8.17	4.00	7.99
21	58.91	58.90	58.90	58.92	59.00	59.07	59.13	50.58	34.65	19.93	6.29	.00	6.19
22	57.00	57.69	58.39	59.05	59.69	60.25	60.70	54.95	39.76	25.32	12.90	8.94	12.15
23	54.67	56.21	57.74	59.19	60.48	61.58	62.45	62.28	50.50	38.17	30.31	27.90	29.91
24	52.05	54.50	56.92	59.19	61.19	62.85	64.14	65.02	64.32	56.17	50.09	47.63	49.31
25	49.32	52.64	55.90	58.93	61.59	63.76	65.39	66.96	67.01	67.10	66.83	66.24	65.85
26	46.76	50.70	54.66	58.30	61.47	64.02	65.89	67.07	67.61	67.60	67.17	66.98	65.65

TABLE 3.47 LOCAL ELEVATION TABLE 43

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	110.69	110.88	111.09	111.31	111.48	111.60	111.65	111.65	111.64	111.70	111.93	112.41	113.24
2	111.39	111.67	111.96	112.21	112.35	112.35	112.17	111.81	111.35	110.86	110.98	110.37	110.67
3	112.38	112.67	112.96	113.18	113.26	113.12	112.69	112.00	111.13	110.19	109.32	108.72	108.61
4	113.59	113.81	114.04	114.19	114.19	113.81	113.16	112.19	110.99	109.70	110.10	107.53	107.11
5	114.94	115.03	115.13	115.12	114.90	114.39	113.55	112.36	110.93	110.97	111.04	105.76	102.20
6	116.17	116.08	116.01	115.83	115.46	114.80	113.81	112.49	110.91	107.61	98.03	90.98	85.70
7	116.99	116.74	116.51	116.20	115.71	114.97	113.92	116.78	108.71	96.75	85.73	77.72	72.95
8	117.16	116.79	116.45	116.09	115.58	114.85	117.96	121.06	103.48	87.77	76.45	68.60	63.99
9	116.93	116.03	115.68	115.38	114.98	114.40	113.57	114.73	96.08	84.68	69.11	57.52	50.33
10	114.65	114.32	114.13	114.01	113.88	113.60	113.07	110.18	95.93	83.47	62.38	45.43	38.37
11	111.76	111.65	111.76	112.00	112.30	112.46	112.38	114.27	96.25	86.50	58.19	39.93	29.63
12	107.89	108.13	108.69	109.44	110.31	111.06	115.60	120.15	104.84	89.54	59.30	34.89	21.10
13	103.30	104.00	105.13	106.53	108.08	109.52	110.64	115.54	105.85	85.50	58.27	38.13	23.71
14	98.37	99.62	101.41	103.61	105.95	108.09	109.82	110.93	97.32	81.45	60.42	41.90	28.54
15	93.59	95.46	98.05	101.02	104.06	106.86	109.16	104.91	90.36	75.23	61.68	43.91	29.32
16	89.60	92.14	95.37	98.98	102.64	106.00	108.78	100.58	85.37	69.57	55.11	36.93	20.22
17	86.81	89.90	93.67	97.80	101.92	105.67	108.76	99.22	83.91	67.84	51.30	34.76	18.99
18	85.50	89.04	93.20	97.66	102.03	105.97	109.16	101.23	86.13	70.30	54.07	37.94	22.68
19	85.85	89.73	94.10	98.65	103.03	106.91	109.99	106.22	91.87	76.71	61.91	46.62	33.42
20	87.87	91.92	96.30	100.71	104.85	108.41	111.16	112.90	100.65	86.43	72.42	59.37	49.30
21	91.33	95.40	99.57	103.62	107.27	110.30	112.53	113.89	111.01	98.66	85.98	75.07	66.50
22	95.82	99.74	103.53	107.01	110.03	112.42	114.02	114.79	114.78	112.12	101.46	91.88	84.43
23	100.86	104.54	107.85	110.67	112.89	114.49	115.28	115.43	114.97	114.09	112.82	108.34	102.83
24	105.99	109.24	111.88	113.89	115.23	115.94	116.04	115.62	114.79	113.68	112.97	111.38	110.99
25	110.31	113.00	114.93	116.12	116.63	116.57	116.05	115.19	114.13	113.01	111.97	111.08	110.93
26	113.23	115.31	116.51	116.94	116.74	116.07	115.11	114.01	112.97	112.02	111.25	110.71	110.93

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	114.50	116.24	118.50	121.25	124.39	127.80	131.32	134.79	138.03	140.91	143.32	145.14	146.34
2	111.51	112.98	115.12	117.94	121.33	125.13	129.13	133.10	136.82	140.09	142.79	144.78	146.02
3	109.11	110.36	112.41	115.27	118.85	122.94	127.30	131.66	135.75	139.32	142.19	144.29	145.55
4	107.38	108.47	110.47	114.95	117.33	121.32	125.93	130.59	134.86	138.63	141.63	143.76	144.99
5	100.97	103.33	108.24	115.01	117.50	120.29	125.03	129.78	134.22	138.08	141.14	143.28	144.99
6	84.38	86.68	92.68	102.03	113.51	119.57	124.59	129.38	133.85	137.72	140.77	142.89	144.08
7	71.63	73.94	79.94	89.62	102.85	117.38	126.82	129.32	133.75	137.58	140.59	142.68	143.84
8	62.80	65.17	71.31	80.97	94.16	112.73	133.27	133.53	133.91	137.68	140.69	142.70	143.84
9	51.93	57.93	68.76	76.27	89.40	105.82	127.77	130.09	134.32	138.02	140.94	142.99	144.19
10	40.06	51.89	68.18	77.39	88.24	104.77	124.13	130.69	134.91	138.58	141.50	143.56	144.74
11	27.95	37.38	56.86	69.28	86.59	105.63	126.25	131.93	135.69	139.33	142.28	144.38	145.63
12	18.78	29.26	45.54	60.10	77.30	104.44	134.23	135.34	136.95	140.17	143.20	145.39	146.71
13	20.63	23.25	35.70	49.55	70.07	93.73	117.21	129.57	137.29	141.08	144.20	146.50	147.91
14	21.50	21.77	29.77	45.26	64.66	82.43	101.32	120.17	137.88	141.85	145.12	147.54	149.05
15	20.39	19.89	27.38	40.11	55.99	72.56	92.01	112.13	132.17	142.36	145.75	148.28	149.87
16	9.65	7.00	12.08	29.09	45.99	65.14	85.73	106.76	127.77	142.93	145.92	148.51	150.14
17	5.70	.00	7.69	23.27	41.91	62.07	83.06	104.90	125.67	141.94	145.95	148.09	149.66
18	9.43	6.39	11.19	26.35	44.20	63.71	84.22	105.18	126.14	140.80	144.23	146.74	148.27
19	25.23	22.77	26.74	36.75	51.92	69.77	88.99	108.94	128.81	138.96	142.19	144.53	145.89
20	42.76	40.81	43.95	51.96	64.05	79.38	96.84	115.31	132.75	136.43	139.36	141.90	142.54
21	61.05	59.42	61.95	68.55	78.73	91.77	107.10	123.01	130.08	133.31	135.82	137.99	138.33
22	79.76	78.34	80.43	85.96	94.63	105.90	118.51	123.90	127.07	129.75	131.75	132.98	133.47
23	98.77	97.54	99.29	103.99	110.22	115.88	118.63	121.44	123.93	125.96	127.39	128.14	128.26
24	109.98	109.94	110.44	111.49	113.01	114.93	117.04	119.10	120.90	122.27	123.09	123.35	123.13
25	110.12	110.19	110.64	111.53	112.75	114.17	115.64	117.00	118.09	118.79	119.03	118.83	118.28
26	110.43	110.69	111.23	111.98	112.86	113.77	114.61	115.27	115.65	115.70	115.40	114.78	113.97

TABLE 3.48 LOCAL ELEVATION TABLE 44

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	26.61	27.23	28.08	29.07	30.14	31.17	31.99	32.48	32.51	31.99	30.85	29.06	26.67
2	30.65	31.14	31.87	32.80	33.82	34.88	35.78	36.36	36.46	35.95	34.73	32.75	30.05
3	33.42	33.76	34.36	35.18	36.13	37.17	38.11	38.75	38.91	38.43	37.17	35.10	32.22
4	34.63	34.82	35.26	35.95	36.81	37.78	38.71	39.38	39.58	39.14	37.91	35.85	32.94
5	34.15	34.20	34.48	35.02	35.76	36.61	37.49	38.14	38.37	37.99	36.86	34.90	32.13
6	32.07	31.99	32.12	32.50	33.09	33.80	34.58	35.19	35.42	35.11	34.12	32.38	29.88
7	28.63	28.44	28.44	28.67	29.10	29.67	30.30	30.83	31.05	30.82	30.01	28.55	26.44
8	24.20	23.94	23.84	23.94	24.22	24.63	25.10	25.52	25.72	25.57	24.96	23.84	22.19
9	19.23	18.95	18.80	18.80	18.95	19.26	19.61	19.91	20.07	19.98	19.56	18.76	17.59
10	14.37	14.13	13.99	13.96	14.05	14.23	14.44	14.64	14.75	14.70	14.45	13.96	13.23
11	9.91	9.78	9.70	9.67	9.70	9.78	9.88	9.98	10.03	10.01	9.90	9.67	9.32
12	6.14	6.16	6.18	6.21	6.23	6.25	6.27	6.28	6.29	6.27	6.25	6.21	6.15
13	3.29	3.49	3.66	3.77	3.83	3.84	3.81	3.76	3.71	3.69	3.70	3.77	3.90
14	1.45	1.85	2.17	2.41	2.53	2.56	2.52	2.43	2.34	2.28	2.30	2.41	2.62
15	.62	1.19	1.66	2.00	2.21	2.28	2.25	2.15	2.02	1.93	1.92	2.01	2.22
16	.67	1.34	1.91	2.35	2.62	2.74	2.73	2.63	2.49	2.37	2.31	2.35	2.50
17	1.41	2.10	2.69	3.15	3.45	3.59	3.61	3.53	3.39	3.26	3.17	3.15	3.22
18	2.61	3.19	3.73	4.18	4.49	4.65	4.69	4.64	4.52	4.39	4.28	4.21	4.19
19	4.07	4.46	4.82	5.11	5.31	5.42	5.46	5.43	5.36	5.27	5.19	5.12	5.08
20	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65	5.65
21	7.16	6.63	6.15	5.76	5.47	5.29	5.22	5.23	5.30	5.42	5.56	5.71	5.83
22	8.53	7.35	6.29	5.43	4.78	4.38	4.20	4.21	4.38	4.64	4.96	5.31	5.62
23	9.76	7.87	6.19	4.80	3.76	3.10	2.81	2.82	3.08	3.51	4.04	4.61	5.15
24	10.93	8.34	6.02	4.11	2.69	1.78	1.36	1.38	1.78	2.42	3.18	3.97	4.70
25	12.12	8.90	6.02	3.65	1.88	.77	.32	.41	.91	1.70	2.63	3.58	4.46
26	13.46	9.72	6.40	3.68	1.70	.49	.00	.12	.71	1.60	2.64	3.68	4.61

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	23.77	20.51	17.09	13.78	10.70	8.01	5.84	4.27	3.31	2.92	3.00	3.42	4.06
2	26.74	22.99	19.02	15.18	11.60	8.96	5.93	4.10	2.98	2.52	2.62	3.12	3.87
3	28.66	24.60	20.29	16.11	12.20	8.77	6.01	4.01	2.79	2.29	2.39	2.94	3.77
4	29.32	25.18	20.75	16.46	12.43	8.91	6.06	4.00	2.75	2.24	2.35	2.91	3.77
5	28.65	24.65	20.36	16.20	12.29	8.86	6.10	4.09	2.87	2.38	2.49	3.04	3.86
6	26.73	23.08	19.16	15.36	11.78	8.64	6.11	4.27	3.15	2.69	2.80	3.30	4.05
7	23.76	20.65	17.30	14.03	10.96	8.27	6.09	4.51	3.55	3.16	3.29	3.68	4.32
8	20.08	17.62	14.96	12.37	9.93	7.78	6.05	4.79	4.02	3.71	3.78	4.13	4.64
9	16.08	14.31	12.40	10.53	8.78	7.23	5.98	5.08	4.52	4.30	4.35	4.60	4.97
10	12.29	11.17	9.97	8.74	7.62	6.67	5.90	5.34	4.99	4.86	4.89	5.04	5.27
11	8.87	8.33	7.75	7.16	6.60	6.13	5.78	5.53	5.38	5.32	5.33	5.40	5.50
12	6.08	6.00	5.92	5.83	5.76	5.69	5.65	5.65	5.65	5.65	5.65	5.65	5.65
13	4.09	4.32	4.58	4.85	5.11	5.34	5.54	5.71	5.82	5.85	5.84	5.78	5.70
14	2.93	3.33	3.78	4.24	4.69	5.09	5.42	5.68	5.84	5.90	5.87	5.79	5.66
15	2.55	2.97	3.47	3.99	4.49	4.94	5.31	5.58	5.76	5.82	5.79	5.70	5.57
16	2.77	3.13	3.57	4.03	4.49	4.90	5.23	5.48	5.62	5.67	5.65	5.57	5.46
17	3.39	3.64	3.96	4.30	4.65	4.96	5.22	5.40	5.52	5.56	5.54	5.48	5.39
18	4.24	4.35	4.51	4.71	4.92	5.12	5.28	5.40	5.47	5.50	5.49	5.45	5.40
19	5.06	5.08	5.13	5.19	5.27	5.36	5.44	5.50	5.53	5.54	5.54	5.52	5.49
20	5.65	5.65	5.65	5.65	5.65	5.67	5.69	5.70	5.71	5.72	5.71	5.71	5.70
21	5.93	5.99	6.02	6.03	6.02	6.01	6.01	6.00	6.00	6.00	6.00	6.00	6.00
22	5.88	6.08	6.22	6.30	6.35	6.36	6.36	6.36	6.36	6.35	6.35	6.35	6.35
23	5.61	5.99	6.26	6.46	6.59	6.67	6.71	6.73	6.74	6.74	6.73	6.73	6.72
24	5.34	5.86	6.23	6.53	6.74	6.87	6.95	6.99	7.01	7.02	7.01	7.00	6.98
25	5.21	5.81	6.24	6.55	6.76	6.93	7.01	7.05	7.07	7.08	7.07	7.06	7.04
26	5.38	5.96	6.34	6.57	6.72	6.80	6.83	6.83	6.83	6.82	6.82	6.82	6.82

TABLE 3.49 LOCAL ELEVATION TABLE 45

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	53.93	57.57	61.76	66.26	70.92	75.30	79.16	82.28	84.55	85.92	86.45	86.25	85.50
2	53.76	57.40	61.64	66.23	71.00	75.55	79.57	82.84	85.22	86.67	87.24	87.04	86.25
3	53.70	57.32	61.59	66.24	71.09	75.74	79.87	83.25	85.72	87.25	87.86	87.68	86.87
4	53.77	57.36	61.60	66.22	71.05	75.71	79.86	83.27	85.79	87.37	88.03	87.89	87.09
5	53.99	57.50	61.62	66.11	70.80	75.32	79.37	82.72	85.22	86.82	87.53	87.45	86.71
6	54.34	57.71	61.62	65.85	70.25	74.48	78.29	81.45	83.86	85.43	86.18	86.19	85.56
7	54.89	57.96	61.56	65.39	69.34	73.13	76.54	79.40	81.62	83.12	83.91	84.03	83.56
8	56.86	58.18	61.38	64.70	68.06	71.25	74.13	76.59	78.53	79.92	80.72	80.96	80.68
9	59.91	58.64	61.01	63.76	66.40	68.88	71.13	73.09	74.70	75.92	76.71	77.07	77.00
10	64.77	62.62	60.47	62.52	64.39	66.11	67.66	69.06	70.28	71.30	72.05	72.51	72.62
11	67.88	63.75	59.62	60.97	62.08	63.02	63.87	64.69	65.49	66.26	66.94	67.45	67.71
12	64.49	61.42	58.41	59.11	59.49	59.71	59.93	60.22	60.60	61.06	61.58	62.09	62.45
13	58.89	56.08	56.77	56.91	56.68	56.28	55.96	55.75	55.73	55.91	56.27	56.68	57.01
14	54.42	54.35	54.67	54.38	53.67	52.80	52.02	51.40	51.03	50.94	51.10	51.37	51.63
15	51.16	52.02	52.08	51.49	50.48	49.28	48.19	47.26	46.59	46.25	46.17	46.26	46.39
16	48.43	49.09	48.98	48.24	47.08	45.73	44.46	43.34	42.45	41.89	41.59	41.47	41.42
17	45.07	45.56	45.36	44.60	43.46	42.11	40.80	39.60	38.60	37.87	37.38	37.06	36.82
18	41.12	41.47	41.26	40.58	39.56	38.36	37.19	35.99	34.97	34.16	33.54	33.07	32.68
19	36.63	36.88	36.70	36.17	35.37	34.41	33.39	32.41	31.49	30.70	30.06	29.52	29.05
20	31.71	31.85	31.73	31.39	30.86	30.21	29.49	28.76	28.06	27.42	26.88	26.41	25.97
21	26.45	26.49	26.43	26.28	26.09	25.73	25.38	25.00	24.62	24.26	23.97	23.70	23.45
22	21.00	20.95	20.92	20.93	20.95	20.98	21.02	21.06	21.11	21.15	21.26	21.37	21.45
23	15.54	15.38	15.37	15.48	15.71	16.05	16.48	16.97	17.51	18.08	18.71	19.33	19.91
24	10.24	9.97	9.90	10.05	10.44	11.03	11.82	12.77	13.85	15.01	16.26	17.52	18.72
25	5.26	4.87	4.73	4.85	5.29	6.07	7.17	8.54	10.16	11.96	13.86	15.83	17.72
26	.78	.26	.00	.05	.48	1.34	2.67	4.41	6.53	8.93	11.52	14.20	16.83

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	84.39	83.11	81.90	80.87	80.09	79.62	79.50	79.71	80.24	81.04	82.07	83.28	84.63
2	85.05	83.66	82.35	81.18	80.27	79.69	79.51	79.72	80.31	81.27	82.56	84.12	85.90
3	85.62	84.19	82.71	81.41	80.37	79.70	79.49	79.69	80.30	81.41	82.94	84.84	87.09
4	85.83	84.31	82.79	81.39	80.25	79.47	79.15	79.33	80.09	81.28	83.09	85.26	87.88
5	85.50	83.99	82.42	80.97	79.75	78.89	78.49	78.64	79.38	80.74	82.70	85.22	88.22
6	84.45	83.03	81.47	80.01	78.75	77.82	77.36	77.47	78.22	79.66	81.79	84.57	87.91
7	82.61	81.33	79.85	78.42	77.14	76.17	75.65	75.71	76.46	77.95	80.21	83.20	86.83
8	79.95	78.86	77.53	76.15	74.90	73.90	73.33	73.34	74.05	75.57	77.92	81.07	84.93
9	76.50	75.64	74.50	73.20	72.00	71.00	70.39	70.34	71.02	72.53	74.92	78.17	82.18
10	72.36	71.74	70.80	69.65	68.49	67.51	66.86	66.76	67.39	68.86	71.25	74.53	78.61
11	67.66	67.26	66.52	65.51	64.41	63.46	62.81	62.67	63.23	64.64	66.98	70.24	74.30
12	62.55	62.32	61.75	60.88	59.86	58.96	58.31	58.13	58.63	59.97	62.22	65.37	69.33
13	57.18	57.07	56.62	55.87	54.92	54.08	53.45	53.26	53.71	54.95	57.07	60.07	63.83
14	51.75	51.64	51.26	50.59	49.74	48.95	48.37	48.18	48.59	49.73	51.69	54.46	57.94
15	46.49	46.29	45.90	45.28	44.50	43.75	43.22	43.04	43.43	44.96	46.23	48.73	51.85
16	41.33	41.11	40.70	40.12	39.41	38.72	38.19	38.06	38.40	39.32	40.88	43.07	45.78
17	36.58	36.26	35.82	35.25	34.62	34.02	33.58	33.42	33.70	34.51	35.89	37.71	40.09
18	32.30	31.89	31.42	30.88	30.33	29.83	29.48	29.38	29.63	30.31	31.43	32.97	34.85
19	28.61	28.16	27.68	27.20	26.72	26.32	26.06	26.01	26.29	26.79	27.69	28.90	30.34
20	25.56	25.15	24.74	24.34	23.96	23.66	23.47	23.45	23.69	24.07	24.75	25.69	26.68
21	23.20	22.94	22.67	22.40	22.15	21.99	21.80	21.78	21.91	22.21	22.68	23.28	23.98
22	21.51	21.53	21.49	21.41	21.29	21.17	21.07	21.02	21.07	21.22	21.49	21.85	22.26
23	20.42	20.83	21.11	21.27	21.32	21.28	21.19	21.09	21.02	21.02	21.10	21.26	21.46
24	19.79	20.68	21.36	21.81	22.09	22.08	21.97	21.79	21.59	21.44	21.35	21.34	21.39
25	19.43	20.88	22.00	22.77	23.19	23.30	23.17	22.89	22.55	22.23	21.98	21.84	21.79
26	19.22	21.26	22.85	23.95	24.56	24.74	24.58	24.20	23.71	23.26	22.89	22.63	22.49

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TABLE 3.50 LOCAL ELEVATION TABLE 46

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	25.92	25.58	25.24	24.87	24.50	24.12	23.76	23.42	23.12	22.88	22.71	22.63	22.67
2	25.10	25.06	25.06	25.09	25.10	25.09	25.05	24.97	24.86	24.73	24.63	24.55	24.53
3	24.44	24.61	24.79	25.03	25.24	25.39	25.48	25.48	25.42	25.30	25.15	25.04	24.98
4	24.04	24.30	24.55	24.79	25.02	25.16	25.20	25.13	24.96	24.73	24.49	24.30	24.21
5	23.89	24.15	24.38	24.54	24.62	24.61	24.48	24.21	23.83	23.41	23.03	22.74	22.64
6	23.98	24.18	24.33	24.39	24.45	23.21	17.36	14.16	16.26	21.01	23.46	20.90	20.78
7	24.24	24.39	24.46	24.32	24.29	15.74	7.09	3.67	5.59	12.78	23.95	21.46	19.42
8	24.59	24.73	24.80	24.74	24.76	12.29	3.54	.00	1.73	8.84	23.99	19.12	18.94
9	24.98	25.19	25.37	25.24	24.23	16.82	8.12	4.60	6.32	13.39	24.02	21.97	19.74
10	25.34	25.74	26.17	26.50	26.78	25.36	19.36	15.97	17.80	22.23	25.04	22.28	22.08
11	25.64	26.34	27.18	27.96	28.59	28.62	28.60	28.26	27.64	27.12	26.77	26.18	25.96
12	25.88	27.04	28.37	29.75	31.01	32.02	32.68	32.95	32.84	32.44	31.90	31.40	31.16
13	26.09	27.78	29.69	31.76	33.76	35.50	36.85	37.74	38.14	38.14	37.86	37.48	37.23
14	26.31	28.56	31.14	33.89	36.67	39.20	41.30	42.87	43.84	44.28	44.28	44.02	43.76
15	26.60	29.36	32.55	35.96	39.48	42.74	45.55	47.74	49.24	50.08	50.34	50.18	49.78
16	26.99	30.17	33.84	37.77	41.85	45.69	49.03	51.70	53.60	54.73	55.17	55.06	54.59
17	27.52	30.94	34.90	39.15	43.55	47.71	51.35	54.28	56.39	57.66	58.17	58.05	57.48
18	28.17	31.64	35.65	39.95	44.40	48.58	52.24	55.16	57.25	58.48	58.93	58.72	58.05
19	28.87	32.21	36.03	40.10	44.30	48.21	51.58	54.23	56.07	57.07	57.33	56.97	56.20
20	29.55	32.56	35.97	39.60	43.27	46.63	49.46	51.61	52.99	53.61	53.57	53.03	52.17
21	30.06	32.61	35.45	38.46	41.41	44.03	46.14	47.62	48.41	48.55	48.16	47.41	46.52
22	30.27	32.28	34.47	36.76	38.89	40.68	41.98	42.72	42.88	42.52	41.78	40.85	40.04
23	30.03	31.51	33.08	34.61	35.93	36.91	37.48	37.60	37.29	36.51	35.54	34.55	33.73
24	29.21	30.29	31.26	32.14	32.78	33.20	33.22	32.83	32.08	31.07	29.98	28.98	28.31
25	27.74	28.45	29.05	29.47	29.73	29.73	29.39	28.72	27.78	26.70	25.69	24.78	24.33
26	25.57	26.10	26.50	26.71	26.83	26.69	26.27	25.60	24.79	23.82	22.98	22.41	22.28

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	22.83	23.13	23.53	24.01	24.53	25.03	25.39	25.65	25.65	25.32	24.69	23.70	22.59
2	24.60	24.76	25.01	25.33	25.69	26.04	26.31	26.53	26.49	26.16	25.52	24.65	23.66
3	25.01	25.16	25.44	25.83	26.28	26.78	27.29	27.72	27.92	27.82	27.43	26.80	26.02
4	24.28	24.54	25.00	25.67	26.48	27.37	28.39	29.29	29.96	30.33	30.36	30.08	29.59
5	22.79	23.24	24.02	25.12	26.47	28.02	29.69	31.25	32.57	33.55	34.13	34.30	34.15
6	21.04	21.73	22.90	24.51	26.51	28.82	31.22	33.55	35.62	37.29	38.47	39.13	39.34
7	19.74	20.64	22.16	24.29	26.92	29.90	33.04	36.11	38.92	41.29	43.11	44.29	44.86
8	19.33	20.41	22.22	24.73	27.85	31.39	35.14	38.85	42.35	45.37	47.72	49.33	50.21
9	20.17	21.34	23.31	26.06	29.48	33.38	37.53	41.68	45.66	49.10	51.83	53.75	54.85
10	22.49	23.65	25.63	28.41	31.89	35.88	40.15	44.49	48.64	52.26	55.16	57.23	58.45
11	26.30	27.33	29.14	31.74	35.02	38.82	42.91	47.15	51.17	54.70	57.55	59.60	60.84
12	31.36	32.15	33.68	35.93	38.80	42.15	45.78	49.55	53.16	56.34	58.99	60.82	61.97
13	37.34	37.90	39.00	40.69	42.92	45.58	48.51	51.59	54.57	57.23	59.41	61.01	61.99
14	43.65	43.83	44.41	45.45	46.93	48.80	50.92	53.18	55.43	57.46	59.19	60.38	61.15
15	49.43	49.22	49.28	49.67	50.42	51.50	52.82	54.27	55.78	57.17	58.34	59.22	59.76
16	53.96	53.41	53.01	52.85	52.98	53.39	54.03	54.82	55.68	56.53	57.27	57.85	58.23
17	56.66	55.83	55.10	54.57	54.27	54.24	54.42	54.77	55.21	55.70	56.21	56.62	56.87
18	57.11	56.14	55.27	54.57	54.12	53.92	53.95	54.16	54.46	54.85	55.30	55.63	55.84
19	55.21	54.26	53.44	52.84	52.51	52.47	52.66	53.03	53.49	54.07	54.62	55.02	55.26
20	51.25	50.44	49.86	49.58	49.64	50.04	50.70	51.52	52.43	53.40	54.22	54.82	55.18
21	45.75	45.20	45.00	45.23	45.89	46.95	48.29	49.79	51.40	52.89	54.12	55.00	55.51
22	39.44	39.22	39.51	40.36	41.75	43.59	45.76	48.14	50.46	52.53	54.23	55.46	56.19
23	33.29	33.41	34.21	35.71	37.87	40.55	43.56	46.67	49.66	52.32	54.48	56.06	57.01
24	28.15	28.66	29.95	32.03	34.81	38.15	41.81	45.54	49.09	52.23	54.80	56.68	57.80
25	24.48	25.37	27.09	29.62	32.87	36.66	40.76	44.90	48.80	52.22	55.05	57.10	58.33
26	22.76	23.98	26.01	28.82	32.32	36.32	40.58	44.83	48.82	52.29	55.16	57.23	58.45

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TABLE 3.51 LOCAL ELEVATION TABLE 47

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	.00	2.16	5.05	8.54	12.49	16.70	21.05	25.23	29.09	32.29	34.87	36.71	37.81
2	4.14	6.25	9.08	12.49	16.32	20.36	24.49	28.39	31.84	34.66	36.74	38.02	38.54
3	9.21	11.11	13.66	16.74	20.17	23.78	27.42	30.79	33.67	35.91	37.40	38.12	38.11
4	14.71	16.31	18.45	21.02	23.86	26.85	29.81	32.47	34.66	36.22	37.09	37.26	36.81
5	20.24	21.47	23.12	25.09	27.26	29.52	31.69	33.57	35.01	35.89	36.17	35.85	35.06
6	25.35	26.22	27.37	28.73	30.22	31.76	33.16	34.29	35.03	35.36	35.20	34.57	33.58
7	29.63	30.16	30.88	31.73	32.69	33.55	34.32	34.87	35.17	35.07	34.56	33.70	32.59
8	32.74	33.03	33.43	33.91	34.44	34.93	35.29	35.55	35.56	35.22	34.55	33.60	32.50
9	34.50	34.66	34.91	35.23	35.60	35.95	36.21	36.43	36.40	36.06	35.43	34.56	33.57
10	34.91	35.07	35.34	35.73	36.19	36.69	37.20	37.63	37.82	37.73	37.34	36.70	35.92
11	34.18	34.44	34.91	35.57	36.38	37.28	38.30	39.20	39.87	40.23	40.26	39.98	39.50
12	32.69	33.15	33.93	35.02	36.37	37.93	39.59	41.15	42.48	43.46	44.03	44.21	44.06
13	30.94	31.64	32.81	34.42	36.42	38.72	41.13	43.45	45.52	47.19	48.37	49.04	49.25
14	29.64	30.54	32.07	34.19	36.82	39.81	42.94	46.02	48.82	51.20	53.02	54.19	54.77
15	29.24	30.31	32.12	34.64	37.76	41.30	45.05	48.76	52.25	55.27	57.63	59.24	60.12
16	30.08	31.25	33.22	35.97	39.39	43.29	47.44	51.58	55.56	59.01	61.74	63.65	64.76
17	32.39	33.55	35.53	38.31	41.79	45.79	50.05	54.40	58.55	62.17	65.07	67.14	68.36
18	36.20	37.23	39.05	41.64	44.93	48.73	52.81	57.06	61.07	64.60	67.45	69.51	70.74
19	41.26	42.06	43.59	45.84	48.71	52.06	55.68	59.46	63.06	66.25	68.84	70.73	71.88
20	47.25	47.80	48.91	50.60	52.82	55.49	58.42	61.49	64.48	67.14	69.32	70.92	71.90
21	53.56	53.74	54.31	55.35	56.84	58.71	60.83	63.09	65.34	67.37	69.04	70.28	71.05
22	59.34	59.13	59.18	59.58	60.33	61.41	62.72	64.17	65.69	67.08	68.25	69.12	69.66
23	63.86	63.31	62.91	62.75	62.88	63.29	63.93	64.72	65.59	66.44	67.17	67.75	68.13
24	66.57	65.73	65.01	64.47	64.18	64.14	64.33	64.68	65.12	65.61	66.12	66.53	66.78
25	67.01	66.09	65.17	64.48	64.03	63.83	63.86	64.06	64.37	64.76	65.20	65.54	65.74
26	65.11	64.17	63.34	62.74	62.42	62.37	62.57	62.94	63.40	63.98	64.52	64.92	65.17

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	38.23	38.09	37.52	36.70	35.79	34.94	34.23	33.71	33.46	33.48	33.72	34.13	34.67
2	38.40	37.75	36.80	35.76	34.83	34.11	33.69	33.62	33.91	34.55	35.39	36.34	37.28
3	37.52	36.54	35.40	34.38	33.60	33.18	33.23	33.75	34.70	36.05	37.57	39.11	40.51
4	35.89	34.72	33.64	32.76	32.28	32.32	32.95	34.15	35.83	37.93	40.16	42.31	44.21
5	34.00	32.84	31.81	31.20	31.13	31.71	32.98	34.89	37.32	40.13	43.09	45.79	48.16
6	32.42	31.30	30.99	30.07	30.42	31.54	33.43	36.01	39.12	42.57	46.07	49.41	52.24
7	31.43	30.42	29.78	29.73	30.42	32.01	34.42	37.55	41.20	45.14	49.19	52.94	56.13
8	31.41	30.55	30.13	30.34	31.35	33.24	36.02	39.51	43.51	47.78	52.15	56.17	59.57
9	32.62	31.92	31.67	32.06	33.24	35.30	38.24	41.88	46.00	50.39	54.89	58.94	62.41
10	35.16	34.61	34.47	34.92	36.12	38.19	41.06	44.60	48.60	52.86	57.18	61.15	64.53
11	38.94	38.51	38.40	38.80	39.89	41.78	44.37	47.58	51.24	55.13	59.11	62.79	65.93
12	43.72	43.38	43.23	43.51	44.39	45.90	48.03	50.72	53.84	57.18	60.64	63.87	66.64
13	49.12	48.84	48.67	48.78	49.28	50.29	51.83	53.88	56.32	59.00	61.80	64.47	66.78
14	54.85	54.62	54.30	54.13	54.21	54.67	55.57	56.91	58.62	60.57	62.65	64.69	66.49
15	60.36	60.14	59.65	59.17	58.84	58.77	59.09	59.69	60.67	61.90	63.26	64.67	65.96
16	65.13	64.91	64.31	63.54	62.86	62.33	62.06	62.09	62.42	62.99	63.72	64.53	65.34
17	68.80	68.60	67.94	67.00	66.09	65.17	64.48	64.03	63.83	63.86	64.06	64.38	64.80
18	71.21	71.02	70.35	69.36	68.23	67.18	66.23	65.45	64.89	64.52	64.33	64.28	64.37
19	72.32	72.16	71.53	70.58	69.46	68.34	67.29	66.36	65.60	65.00	64.56	64.26	64.12
20	72.28	72.15	71.61	70.78	69.77	68.72	67.72	66.80	65.99	65.31	64.76	64.33	64.09
21	71.36	71.26	70.84	70.17	69.36	68.48	67.63	66.83	66.10	65.46	64.92	64.47	64.13
22	69.88	69.81	69.51	69.03	68.44	67.80	67.17	66.55	65.99	65.48	65.03	64.65	64.33
23	68.28	68.23	68.02	67.69	67.29	66.88	66.47	66.08	65.72	65.38	65.08	64.82	64.59
24	66.88	66.84	66.70	66.48	66.23	65.97	65.73	65.52	65.35	65.20	65.07	64.96	64.89
25	65.82	65.78	65.67	65.51	65.34	65.18	65.06	64.98	64.93	64.95	64.98	65.01	65.09
26	65.25	65.21	65.08	64.90	64.73	64.60	64.52	64.50	64.55	64.67	64.82	64.99	65.15

TABLE 3.52 LOCAL ELEVATION TABLE 48

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	60.41	61.31	62.05	62.60	62.94	63.06	62.96	62.63	62.10	61.38	60.51	59.51	58.42
2	64.64	66.12	67.34	68.24	68.79	68.97	68.78	68.25	67.38	66.23	64.84	63.26	61.54
3	69.06	71.17	72.90	74.16	74.93	75.18	74.91	74.15	72.93	71.32	69.37	67.16	64.76
4	73.11	75.81	78.01	79.63	80.61	80.92	80.58	79.60	78.04	75.97	73.48	70.65	67.60
5	76.38	79.55	82.16	84.07	85.23	85.61	85.20	84.04	82.18	79.71	76.72	73.36	69.74
6	78.53	82.03	84.91	87.04	88.34	88.76	88.31	87.01	84.92	82.13	78.76	74.97	70.92
7	79.33	82.98	85.99	88.23	89.61	90.07	89.60	88.21	85.98	82.98	79.36	75.29	70.97
8	78.70	82.29	85.28	87.52	88.91	89.39	88.93	87.53	85.29	82.16	78.93	74.25	69.86
9	76.71	80.05	82.86	84.99	86.34	86.82	86.39	85.04	82.80	79.76	76.08	71.96	67.71
10	73.56	76.50	79.00	80.92	82.17	82.63	82.26	81.02	78.92	76.05	72.56	68.66	64.72
11	69.55	71.97	74.07	75.73	76.83	77.27	76.98	75.89	74.02	71.41	68.23	64.69	61.21
12	65.07	66.91	68.56	69.91	70.85	71.26	71.05	70.16	68.56	66.32	63.58	60.54	57.55
13	60.62	61.92	63.14	64.19	64.96	65.34	65.23	64.56	63.29	61.45	59.17	56.66	54.19
14	56.46	57.27	58.10	58.86	59.47	59.83	59.82	59.36	58.42	57.00	55.22	53.27	51.19
15	52.85	53.25	53.74	54.27	54.75	55.08	55.16	54.92	54.30	53.30	52.03	50.64	49.34
16	50.00	50.11	50.35	50.70	51.06	51.37	51.54	51.49	51.16	50.58	49.79	48.92	48.17
17	48.06	47.98	48.06	48.27	48.56	48.85	49.08	49.19	49.13	48.90	48.54	48.16	47.86
18	47.05	46.89	46.89	47.02	47.24	47.51	47.78	48.00	48.15	48.22	48.23	48.24	48.32
19	46.54	46.42	46.37	46.83	46.99	47.23	47.50	47.79	48.09	48.38	48.68	48.99	49.34
20	31.93	37.86	45.95	47.19	47.63	47.81	48.05	48.36	48.73	49.16	49.64	50.14	50.67
21	15.50	23.55	35.98	47.85	48.89	48.99	49.17	49.44	49.82	50.29	50.88	51.51	52.15
22	1.84	14.68	29.14	44.48	50.52	50.52	50.63	50.85	51.19	51.65	52.20	52.80	53.39
23	.00	12.99	28.05	43.84	52.34	52.26	52.23	52.31	52.51	52.84	53.26	53.73	54.19
24	6.01	18.70	32.98	48.10	54.06	53.84	53.66	53.57	53.58	53.71	53.92	54.17	54.43
25	23.77	31.29	43.20	55.09	55.47	55.10	54.77	54.50	54.31	54.19	54.14	54.12	54.11
26	43.17	48.70	56.32	56.96	56.44	55.95	55.48	55.05	54.66	54.29	53.95	53.64	53.35

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	57.26	56.08	54.91	53.78	52.73	51.78	50.94	50.26	49.75	49.45	49.36	49.49	49.84
2	59.74	57.91	56.11	54.38	52.76	51.30	50.05	49.09	48.31	47.90	47.80	48.02	48.52
3	62.25	59.74	57.29	54.96	52.81	50.92	49.32	48.08	47.24	46.79	46.72	47.03	47.66
4	64.43	61.31	58.28	55.45	52.89	50.68	48.86	47.55	46.72	46.32	46.35	46.77	47.51
5	66.03	62.41	58.95	55.77	52.97	50.69	48.81	47.60	46.93	46.73	46.99	47.50	48.32
6	66.83	62.87	59.17	55.86	53.07	50.85	49.29	48.33	48.02	48.16	48.65	49.39	50.26
7	66.69	62.61	58.89	55.70	53.15	51.32	50.19	49.79	50.02	50.66	51.53	52.47	53.35
8	65.60	61.61	58.11	55.28	53.23	52.03	51.61	51.90	52.87	54.13	55.96	56.64	57.49
9	63.65	59.96	56.89	54.63	53.30	52.92	53.42	54.61	56.39	58.33	60.17	61.60	62.90
10	61.03	57.82	55.34	53.82	53.35	53.93	55.43	57.62	60.17	62.92	65.31	66.99	67.79
11	58.03	55.41	53.65	52.94	53.38	54.94	57.45	60.61	64.12	67.62	70.53	72.46	73.15
12	54.96	53.01	51.98	52.08	53.39	55.84	59.24	63.25	67.58	71.71	75.06	77.20	77.86
13	52.14	50.86	50.54	51.35	53.38	56.54	60.60	65.22	70.13	74.69	78.34	80.65	81.33
14	49.88	49.19	49.46	50.82	53.39	56.93	61.36	66.27	71.44	76.17	79.95	82.36	83.12
15	48.41	48.16	48.86	50.56	53.30	56.98	61.41	66.24	71.30	75.91	79.63	82.07	82.98
16	47.72	47.83	48.79	50.58	53.23	56.67	60.73	65.12	69.70	73.91	77.38	79.78	80.91
17	47.82	48.18	49.21	50.86	53.16	56.05	59.41	63.09	66.83	70.39	73.45	75.76	77.15
18	48.57	49.08	50.01	51.34	53.07	55.19	57.63	60.28	63.04	65.79	68.32	70.50	72.21
19	49.78	50.33	51.06	51.94	52.99	54.21	55.61	57.17	58.89	60.77	62.75	64.78	66.78
20	51.22	51.75	52.21	52.59	52.91	53.24	53.39	54.26	55.05	56.15	57.62	59.51	61.29
21	52.70	53.10	53.28	53.21	52.90	52.52	52.11	51.82	51.82	52.27	53.34	55.12	57.43
22	53.86	54.11	54.06	53.63	52.86	51.97	51.00	50.15	49.62	49.66	50.46	52.18	54.24
23	54.52	54.61	54.32	53.76	52.78	51.68	50.61	49.45	48.75	48.65	49.38	51.08	53.60
24	54.58	54.53	54.22	53.60	52.68	51.70	50.69	49.82	49.32	49.39	50.23	51.98	54.07
25	54.06	53.91	53.61	53.14	52.56	52.02	51.52	51.21	51.24	51.74	52.91	54.75	57.30
26	53.09	52.87	52.68	52.55	52.50	52.50	52.89	53.43	54.27	55.46	57.09	59.08	61.36

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TABLE 3.53 LOCAL ELEVATION TABLE 49

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	34.39	37.62	41.43	45.53	49.76	53.66	56.95	59.43	60.98	61.59	61.37	60.48	59.13
2	30.81	34.34	38.39	42.72	47.17	51.31	54.85	57.60	59.43	60.34	60.41	59.79	58.70
3	27.66	31.18	35.20	39.49	43.90	48.05	51.67	54.58	56.68	57.93	58.41	58.24	57.59
4	25.01	28.29	32.01	35.97	40.06	43.98	47.61	50.49	52.81	54.45	55.45	55.87	55.85
5	23.09	25.82	28.97	32.36	35.86	39.35	42.63	45.57	48.09	50.14	51.73	52.87	53.61
6	21.71	23.87	26.30	28.95	31.74	34.61	37.48	40.27	42.92	45.37	47.58	49.50	51.10
7	21.03	22.47	24.09	25.91	27.95	30.19	32.64	35.27	38.03	40.85	43.64	46.29	48.72
8	20.98	21.69	22.50	23.50	24.77	26.40	28.42	30.86	33.69	36.82	40.12	43.44	46.62
9	21.49	21.55	21.65	21.93	22.54	23.61	25.25	27.50	30.36	33.72	37.42	41.28	45.05
10	22.48	22.04	21.61	21.35	21.47	22.13	23.47	25.57	28.41	31.90	35.86	40.06	44.23
11	23.83	23.10	22.37	21.83	21.68	22.12	23.29	25.29	28.09	31.60	35.64	39.94	44.26
12	25.38	24.60	23.84	23.29	23.14	23.58	24.75	26.70	29.44	32.86	36.78	40.96	45.15
13	27.09	26.37	25.85	25.57	25.69	26.35	27.65	29.64	32.30	35.52	39.16	42.99	46.80
14	28.56	28.33	28.27	28.48	29.05	30.09	31.67	33.76	36.33	39.28	42.49	45.78	48.99
15	29.75	30.10	30.72	31.65	32.91	34.50	36.43	38.63	41.07	43.69	46.36	48.98	51.47
16	30.39	31.38	32.81	34.58	36.65	38.92	41.31	43.76	46.16	48.43	50.52	52.39	54.01
17	30.17	31.93	34.21	36.89	39.81	42.85	45.82	48.54	50.88	52.81	54.29	55.38	56.12
18	28.30	31.16	34.03	38.10	41.98	45.80	49.31	52.29	54.61	56.23	57.17	57.54	57.46
19	25.79	22.61	32.79	38.21	42.87	47.36	51.35	54.58	56.91	58.29	58.79	58.56	57.81
20	23.18	27.32	31.46	37.00	42.29	47.32	51.71	55.17	57.53	58.75	58.93	58.26	57.00
21	20.99	24.38	29.21	34.59	40.26	45.67	50.35	53.99	56.39	57.53	57.52	56.58	55.01
22	16.21	20.36	25.43	31.05	36.96	42.58	47.43	51.17	53.61	54.73	54.65	53.61	51.91
23	11.75	15.96	21.09	26.76	32.71	38.37	43.23	46.99	49.46	50.60	50.55	49.53	47.86
24	7.36	11.52	16.55	22.09	27.90	33.40	38.15	41.83	44.27	45.45	45.48	44.59	43.09
25	3.35	7.38	12.18	17.57	23.02	28.13	32.59	36.09	38.45	39.64	39.79	39.09	37.82
26	.00	3.87	8.45	13.40	18.38	23.05	27.08	30.29	32.40	33.55	33.79	33.30	32.32

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	57.58	56.12	54.82	53.81	53.15	52.86	52.88	53.17	53.62	54.16	54.73	55.23	55.61
2	57.34	56.00	54.80	53.83	53.17	52.85	52.83	53.08	53.52	54.08	54.70	55.31	55.82
3	56.65	55.61	54.67	53.87	53.30	52.99	52.94	53.12	53.49	54.00	54.59	55.21	55.77
4	55.51	54.99	54.43	53.94	53.54	53.29	53.21	53.30	53.55	53.93	54.41	54.95	55.48
5	54.03	54.20	54.18	54.09	53.94	53.78	53.67	53.63	53.70	53.89	54.19	54.57	54.98
6	52.37	53.33	53.97	54.33	54.46	54.42	54.28	54.10	53.95	53.90	53.97	54.14	54.37
7	50.82	52.54	53.82	54.65	55.09	55.17	55.01	54.69	54.32	54.00	53.80	53.73	53.79
8	49.48	51.90	53.77	55.06	55.78	55.99	55.81	55.37	54.79	54.22	53.75	53.45	53.32
9	48.53	51.52	53.89	55.55	56.51	56.85	56.66	56.10	55.36	54.57	53.88	53.35	53.04
10	48.11	51.49	54.19	56.10	57.26	57.69	57.50	56.87	55.99	55.05	54.18	53.49	53.03
11	48.30	51.83	54.66	56.70	57.96	58.44	58.26	57.60	56.65	55.62	54.67	53.88	53.32
12	49.07	52.51	55.27	57.30	58.54	59.02	58.87	58.23	57.30	56.27	55.31	54.50	53.90
13	50.35	53.44	55.95	57.81	58.93	59.37	59.24	58.68	57.84	56.90	56.02	55.27	54.70
14	51.94	54.52	56.63	58.14	59.05	59.41	59.31	58.86	58.18	57.40	56.68	56.05	55.57
15	53.72	55.62	57.12	58.18	58.83	59.08	59.01	58.69	58.22	57.67	57.15	56.70	56.34
16	55.37	56.46	57.28	57.85	58.18	58.31	58.28	58.12	57.87	57.58	57.30	57.04	56.83
17	56.58	56.85	56.98	57.04	57.08	57.07	57.07	57.07	57.05	57.02	56.98	56.93	56.87
18	57.10	56.61	56.15	55.77	55.51	55.40	55.41	55.53	55.71	55.91	56.11	56.26	56.34
19	56.76	55.67	54.70	53.93	53.43	53.21	53.24	53.46	53.80	54.20	54.58	54.89	55.09
20	55.43	53.90	52.55	51.49	50.81	50.52	50.57	50.87	51.33	51.86	52.38	52.79	53.06
21	53.11	51.32	49.73	48.50	47.72	47.39	47.45	47.81	48.34	48.95	49.52	49.96	50.25
22	49.88	47.98	46.30	45.02	44.21	43.89	43.97	44.35	44.90	45.52	46.08	46.49	46.73
23	45.87	44.02	42.39	41.16	40.40	40.11	40.21	40.59	41.11	41.70	42.17	42.47	42.60
24	41.28	39.59	38.12	37.02	36.37	36.15	36.28	36.64	37.12	37.59	37.91	38.09	38.00
25	36.29	34.86	33.63	32.74	32.24	32.12	32.28	32.60	33.01	33.32	33.49	33.35	33.08
26	31.11	30.00	29.06	28.42	28.11	28.09	28.29	28.64	28.93	29.04	28.92	28.54	27.99

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TABLE 3.54 LOCAL ELEVATION TABLE 50

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	30.86	30.50	30.38	30.49	30.81	31.35	32.07	32.94	33.93	35.00	36.11	37.29	38.44
2	30.22	29.84	29.71	29.82	30.17	30.74	31.50	32.43	33.49	34.64	35.82	37.02	38.24
3	30.51	30.16	30.03	30.14	30.46	30.99	31.70	32.56	33.54	34.59	35.69	36.77	37.85
4	31.77	31.50	31.41	31.50	31.76	32.17	32.72	33.39	34.14	34.95	35.79	36.63	37.43
5	34.03	33.88	33.85	33.91	34.06	34.30	34.60	34.96	35.36	35.78	36.22	36.67	37.10
6	37.23	37.24	37.27	37.30	37.32	37.32	37.30	37.25	37.18	37.11	37.03	36.96	36.93
7	41.25	41.44	41.54	41.53	41.39	41.12	40.72	40.19	39.58	38.90	38.21	37.55	36.97
8	45.89	46.28	46.47	46.41	46.10	45.53	44.70	43.65	42.44	41.11	39.75	38.44	37.26
9	50.91	51.52	51.79	51.68	51.19	50.30	49.03	47.44	45.60	43.61	41.57	39.60	37.83
10	56.14	56.96	57.31	57.15	56.47	55.26	53.54	51.40	48.93	46.26	43.57	41.01	38.67
11	61.23	62.23	62.66	62.44	61.67	60.05	57.93	55.28	52.24	48.96	45.68	42.54	39.69
12	65.80	66.97	67.44	67.16	66.12	64.32	61.83	58.75	55.23	51.45	47.67	44.07	40.80
13	69.56	70.86	71.35	71.00	69.79	67.76	64.98	61.56	57.68	53.52	49.39	45.46	41.90
14	72.23	73.60	74.09	73.66	72.32	70.10	67.11	63.48	59.37	55.01	50.70	46.59	42.89
15	73.59	74.98	75.43	74.92	73.46	71.19	68.04	64.32	60.15	55.75	51.49	47.35	43.66
16	73.46	74.83	75.21	74.61	73.09	70.71	67.61	63.94	59.88	55.65	51.52	47.62	44.12
17	71.75	73.04	73.33	72.66	71.10	68.76	65.77	62.29	58.51	54.62	50.86	47.32	44.18
18	68.41	69.59	69.77	69.04	67.49	65.26	62.49	59.35	55.99	52.64	49.40	46.40	43.75
19	63.47	64.49	64.57	63.80	62.32	60.28	57.84	55.16	52.39	49.69	47.13	44.80	42.78
20	57.02	57.86	57.82	57.05	55.69	53.93	51.91	49.81	47.77	45.83	44.06	42.51	41.21
21	49.19	49.84	49.71	48.97	47.79	46.37	44.90	43.49	42.22	41.12	40.23	39.54	39.02
22	40.24	40.68	40.48	39.81	38.87	37.89	37.02	36.33	35.88	35.68	35.71	35.91	36.22
23	30.47	30.71	30.45	29.89	29.27	28.77	28.50	28.54	28.94	29.65	30.60	31.70	32.87
24	20.28	20.34	20.05	19.62	19.34	19.30	19.63	20.40	21.62	23.20	25.05	27.03	29.00
25	10.33	10.21	9.89	9.57	9.47	9.85	10.74	12.19	14.16	16.55	19.20	21.99	24.68
26	.86	.57	.21	.00	.15	.83	2.17	4.20	6.83	9.90	13.24	16.71	20.00

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	39.51	40.47	41.28	41.93	42.40	42.69	42.80	42.73	42.49	42.14	41.70	41.28	40.93
2	39.36	40.36	41.19	41.85	42.32	42.59	42.67	42.58	42.32	41.95	41.50	41.09	40.74
3	38.88	39.79	40.55	41.15	41.56	41.79	41.84	41.73	41.47	41.09	40.65	40.24	39.90
4	38.21	38.93	39.53	40.00	40.33	40.51	40.59	40.42	40.16	39.81	39.38	38.99	38.66
5	37.53	37.92	38.30	38.61	38.83	38.96	38.98	38.88	38.67	38.36	37.98	37.58	37.26
6	36.93	36.98	37.07	37.19	37.32	37.42	37.46	37.42	37.28	37.03	36.70	36.33	35.98
7	36.49	36.15	35.95	35.88	35.91	35.99	36.08	36.12	36.06	35.89	35.62	35.28	34.95
8	36.27	35.51	35.02	34.76	34.71	34.79	34.95	35.08	35.14	35.07	34.87	34.57	34.23
9	36.34	35.18	34.37	33.91	33.79	33.90	34.14	34.39	34.57	34.61	34.48	34.22	33.89
10	36.69	35.13	34.05	33.42	33.22	33.36	33.69	34.07	34.38	34.53	34.48	34.26	33.93
11	37.27	35.37	34.05	33.28	33.01	33.18	33.60	34.10	34.53	34.78	34.81	34.63	34.31
12	38.02	35.85	34.34	33.47	33.18	33.33	33.84	34.44	34.98	35.33	35.42	35.27	34.95
13	38.68	36.52	34.89	33.96	33.65	33.82	34.35	35.03	35.65	36.07	36.22	36.10	35.79
14	39.75	37.31	35.63	34.67	34.36	34.56	35.07	35.80	36.47	36.93	37.11	37.03	36.73
15	40.55	38.19	36.48	35.59	35.29	35.45	35.97	36.66	37.35	37.85	38.06	37.99	37.72
16	41.19	38.91	37.35	36.47	36.20	36.40	36.90	37.55	38.22	38.69	38.90	38.85	38.60
17	41.55	39.53	38.14	37.36	37.12	37.30	37.75	38.33	38.93	39.35	39.55	39.51	39.29
18	41.56	39.88	38.73	38.09	37.90	38.05	38.42	38.90	39.39	39.74	39.90	39.87	39.69
19	41.12	39.87	39.02	38.55	38.41	38.53	38.80	39.16	39.52	39.77	39.88	39.85	39.71
20	40.18	39.41	38.91	38.64	38.56	38.63	38.79	39.00	39.21	39.35	39.41	39.37	39.27
21	38.67	38.49	38.30	38.24	38.23	38.26	38.30	38.36	38.40	38.42	38.41	38.37	38.32
22	34.58	36.92	37.18	37.34	37.39	37.36	37.27	37.15	37.04	36.93	36.84	36.81	36.80
23	33.95	34.85	35.48	35.85	35.96	35.87	35.64	35.35	35.08	34.86	34.72	34.66	34.67
24	30.75	32.17	33.16	33.72	33.89	33.74	33.39	32.93	32.53	32.19	31.98	31.90	31.93
25	27.03	28.91	30.23	30.97	31.19	31.00	30.53	29.93	29.39	28.95	28.66	28.55	28.59
26	22.86	25.14	26.73	27.63	27.90	27.68	27.11	26.39	25.74	25.19	24.83	24.68	24.72

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TABLE 3.55 LOCAL ELEVATION TABLE 61

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	.69	.68	.68	.68	.68	.69	.70	.71	.71	.70	.68	.66	.64
2	.12	.11	.11	.11	.12	.13	.14	.14	.15	.14	.13	.11	.09
3	.03	.02	.02	.02	.03	.04	.05	.05	.06	.05	.05	.03	.02
4	.57	.57	.57	.57	.57	.58	.59	.59	.59	.59	.59	.59	.58
5	1.87	1.86	1.86	1.86	1.87	1.87	1.87	1.88	1.88	1.88	1.88	1.88	1.88
6	3.97	3.97	3.97	3.97	3.97	3.96	3.96	3.96	3.96	3.96	3.97	3.97	3.98
7	6.85	6.86	6.86	6.86	6.85	6.84	6.83	6.82	6.82	6.82	6.83	6.84	6.85
8	10.41	10.42	10.42	10.41	10.40	10.39	10.37	10.36	10.35	10.35	10.36	10.37	10.39
9	14.46	14.48	14.48	14.47	14.45	14.43	14.40	14.38	14.37	14.37	14.38	14.40	14.42
10	18.78	18.79	18.80	18.78	18.76	18.73	18.70	18.67	18.66	18.65	18.66	18.68	18.71
11	23.21	23.23	23.23	23.22	23.19	23.16	23.12	23.10	23.08	23.07	23.08	23.10	23.13
12	27.33	27.36	27.36	27.35	27.33	27.30	27.27	27.24	27.22	27.21	27.22	27.23	27.26
13	30.90	30.93	30.94	30.94	30.92	30.90	30.88	30.86	30.84	30.84	30.84	30.85	30.86
14	33.72	33.75	33.77	33.78	33.78	33.77	33.77	33.76	33.75	33.75	33.75	33.74	33.74
15	35.69	35.71	35.74	35.76	35.79	35.81	35.83	35.84	35.85	35.85	35.84	35.82	35.80
16	36.80	36.82	36.86	36.90	36.94	36.99	37.04	37.08	37.10	37.11	37.09	37.06	37.02
17	37.19	37.16	37.20	37.26	37.33	37.40	37.48	37.54	37.58	37.59	37.57	37.53	37.46
18	36.87	36.88	36.93	37.00	37.08	37.18	37.28	37.36	37.41	37.43	37.41	37.35	37.26
19	36.18	36.19	36.24	36.31	36.41	36.51	36.62	36.71	36.76	36.78	36.76	36.70	36.61
20	35.31	35.31	35.35	35.42	35.50	35.59	35.69	35.77	35.82	35.84	35.82	35.77	35.68
21	34.52	34.52	34.54	34.58	34.62	34.67	34.72	34.76	34.78	34.79	34.78	34.76	34.72
22	33.88	33.89	33.88	33.88	33.87	33.86	33.85	33.84	33.83	33.83	33.83	33.84	33.85
23	33.48	33.48	33.45	33.39	33.32	33.23	33.15	33.07	33.03	33.01	33.02	33.07	33.14
24	33.34	33.34	33.28	33.16	33.01	32.84	32.68	32.54	32.44	32.41	32.44	32.53	32.66
25	33.41	33.41	33.32	33.16	32.99	32.69	32.45	32.25	32.12	32.07	32.11	32.24	32.44
26	33.61	33.61	33.51	33.31	33.05	32.75	32.46	32.22	32.05	31.99	32.09	32.20	32.44

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	.61	.60	.61	.63	.68	.74	.82	.89	.94	.96	.93	.84	.70
2	.08	.07	.07	.08	.11	.16	.21	.26	.30	.31	.29	.23	.14
3	.01	.00	.00	.01	.02	.05	.08	.10	.12	.13	.12	.09	.05
4	.57	.57	.56	.56	.57	.57	.58	.58	.58	.58	.58	.59	.59
5	1.88	1.88	1.88	1.87	1.86	1.85	1.84	1.82	1.81	1.80	1.81	1.83	1.88
6	3.99	3.99	3.99	3.98	3.97	3.94	3.91	3.88	3.86	3.84	3.85	3.89	3.96
7	6.87	6.88	6.88	6.88	6.86	6.82	6.78	6.74	6.70	6.68	6.69	6.74	6.82
8	10.42	10.43	10.44	10.44	10.42	10.39	10.34	10.29	10.25	10.22	10.22	10.27	10.35
9	14.45	14.48	14.49	14.49	14.48	14.44	14.40	14.35	14.30	14.27	14.27	14.30	14.37
10	18.74	18.77	18.80	18.80	18.79	18.77	18.72	18.67	18.63	18.60	18.59	18.61	18.67
11	23.16	23.19	23.22	23.23	23.23	23.21	23.17	23.13	23.09	23.06	23.05	23.05	23.08
12	27.29	27.32	27.34	27.36	27.36	27.35	27.33	27.30	27.27	27.24	27.22	27.21	27.22
13	30.88	30.90	30.91	30.92	30.93	30.93	30.92	30.91	30.89	30.88	30.86	30.85	30.84
14	33.74	33.74	33.74	33.75	33.75	33.75	33.76	33.77	33.77	33.78	33.78	33.77	33.75
15	35.77	35.75	35.73	35.72	35.72	35.73	35.75	35.77	35.80	35.83	35.85	35.86	35.86
16	36.96	36.91	36.87	36.84	36.83	36.84	36.87	36.91	36.97	37.02	37.07	37.10	37.10
17	37.36	37.30	37.23	37.18	37.16	37.17	37.21	37.27	37.34	37.43	37.50	37.55	37.57
18	37.16	37.06	36.97	36.91	36.88	36.89	36.93	37.00	37.09	37.19	37.29	37.36	37.40
19	36.50	36.39	36.30	36.23	36.19	36.19	36.24	36.31	36.40	36.51	36.61	36.69	36.75
20	35.59	35.49	35.41	35.34	35.31	35.31	35.34	35.41	35.49	35.58	35.67	35.75	35.80
21	34.67	34.62	34.57	34.54	34.52	34.52	34.54	34.57	34.62	34.66	34.71	34.76	34.78
22	33.86	33.87	33.87	33.88	33.89	33.89	33.89	33.88	33.87	33.86	33.85	33.85	33.84
23	33.22	33.31	33.39	33.45	33.49	33.49	33.47	33.42	33.34	33.26	33.18	33.11	33.05
24	32.83	33.00	33.16	33.28	33.35	33.36	33.31	33.21	33.07	32.91	32.75	32.61	32.49
25	32.68	32.93	33.15	33.33	33.43	33.44	33.38	33.23	33.03	32.81	32.57	32.36	32.19
26	32.73	33.03	33.30	33.51	33.64	33.66	33.58	33.41	33.17	32.90	32.62	32.36	32.16

TABLE 3.56 LOCAL ELEVATION TABLE S2

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	40.86	41.18	41.45	41.61	41.65	41.57	41.38	41.13	40.83	40.54	40.27	40.04	39.87
2	38.12	38.46	38.76	38.96	39.04	39.01	38.88	38.68	38.46	38.24	38.04	37.89	37.78
3	34.35	34.71	35.05	35.31	35.46	35.52	35.49	35.40	35.28	35.16	35.06	34.99	34.95
4	29.75	30.12	30.51	30.84	31.10	31.27	31.38	31.43	31.45	31.45	31.46	31.47	31.49
5	24.61	25.00	25.43	25.84	26.21	26.53	26.78	26.99	27.16	27.30	27.42	27.51	27.58
6	19.40	19.82	20.28	20.76	21.22	21.65	22.03	22.37	22.66	22.92	23.13	23.29	23.39
7	14.58	14.99	15.46	15.98	16.49	17.00	17.47	17.91	18.30	18.62	18.88	19.06	19.17
8	10.49	10.82	11.27	11.77	12.29	12.81	13.31	13.77	14.18	14.53	14.81	14.99	15.09
9	7.36	7.68	8.06	8.48	8.92	9.37	9.79	10.19	10.54	10.84	11.07	11.22	11.30
10	5.69	5.87	6.12	6.39	6.66	6.92	7.16	7.37	7.56	7.71	7.83	7.91	7.94
11	5.46	5.56	5.64	5.67	5.66	5.62	5.54	5.45	5.36	5.27	5.21	5.16	5.14
12	6.86	6.81	6.65	6.37	5.98	5.52	5.00	4.49	4.00	3.59	3.27	3.05	2.95
13	9.71	9.48	9.04	8.38	7.54	6.56	5.51	4.46	3.49	2.66	2.02	1.60	1.40
14	13.76	13.34	12.59	11.51	10.15	8.58	6.92	5.27	3.74	2.44	1.44	.77	.45
15	18.69	18.02	16.94	15.43	13.53	11.36	9.05	6.76	4.64	2.83	1.43	.50	.03
16	23.94	23.12	21.72	19.78	17.35	14.59	11.65	8.73	6.07	3.80	2.02	.81	.16
17	29.37	28.38	26.70	24.34	21.41	18.05	14.50	11.07	7.88	5.13	2.95	1.45	.61
18	34.28	33.16	31.25	28.58	25.29	21.43	17.37	13.96	9.80	6.62	4.08	2.29	1.25
19	38.34	37.12	35.05	32.15	28.53	24.38	19.95	15.66	11.64	8.11	5.27	3.21	1.95
20	41.31	40.03	37.87	34.84	31.06	26.71	22.05	17.51	13.24	9.46	6.37	4.08	2.61
21	43.11	41.82	39.64	36.57	32.72	28.30	23.55	18.88	14.47	10.54	7.28	4.81	3.15
22	43.81	42.54	40.38	37.33	33.52	29.12	24.38	19.69	15.25	11.26	7.90	5.31	3.50
23	43.58	42.34	40.22	37.25	33.52	29.21	24.55	19.92	15.52	11.54	8.17	5.53	3.69
24	42.64	41.94	39.38	36.49	32.85	28.69	24.10	19.58	15.27	11.36	8.04	5.42	3.54
25	41.29	40.10	38.08	35.24	31.68	27.55	23.11	18.69	14.49	10.70	7.50	4.99	3.21
26	39.82	38.61	36.57	33.73	30.17	26.07	21.67	17.34	13.24	9.59	6.55	4.29	2.68

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	39.77	39.75	39.81	39.95	40.15	40.41	40.69	40.98	41.22	41.38	41.50	41.26	40.94
2	37.74	37.74	37.79	37.88	37.99	38.12	38.25	38.37	38.47	38.52	38.51	38.45	38.32
3	34.99	34.96	34.98	35.02	35.04	35.05	35.04	35.02	34.98	34.96	34.99	34.95	34.99
4	31.51	31.53	31.52	31.49	31.42	31.32	31.20	31.07	30.96	30.88	30.87	30.93	31.10
5	27.62	27.61	27.56	27.46	27.32	27.13	26.92	26.73	26.56	26.46	26.45	26.56	26.81
6	23.43	23.40	23.30	23.14	22.93	22.69	22.44	22.22	22.04	21.93	21.93	22.06	22.33
7	19.19	19.14	19.01	18.83	18.60	18.35	18.10	17.88	17.71	17.62	17.62	17.74	17.98
8	15.10	15.04	14.90	14.71	14.49	14.25	14.03	13.84	13.70	13.64	13.65	13.76	13.96
9	11.30	11.23	11.11	10.96	10.78	10.60	10.43	10.30	10.22	10.18	10.21	10.29	10.42
10	7.94	7.90	7.83	7.74	7.65	7.56	7.49	7.44	7.41	7.41	7.44	7.47	7.52
11	5.13	5.14	5.16	5.19	5.22	5.26	5.31	5.35	5.39	5.42	5.43	5.41	5.35
12	2.95	3.03	3.17	3.35	3.55	3.74	3.92	4.06	4.16	4.20	4.19	4.11	3.96
13	1.40	1.56	1.85	2.20	2.59	2.95	3.27	3.51	3.66	3.71	3.66	3.52	3.28
14	.44	.69	1.13	1.67	2.24	2.78	3.23	3.56	3.75	3.80	3.71	3.50	3.18
15	.08	.32	.89	1.60	2.36	3.05	3.62	4.02	4.24	4.27	4.19	3.87	3.50
16	.05	.36	1.00	1.85	2.74	3.57	4.24	4.70	4.93	4.95	4.77	4.45	4.03
17	.40	.70	1.38	2.27	3.27	4.20	4.94	5.43	5.66	5.65	5.49	5.09	4.66
18	.90	1.14	1.79	2.69	3.72	4.67	5.43	5.92	6.13	6.09	5.86	5.50	5.09
19	1.44	1.55	2.12	2.95	3.93	4.85	5.57	6.03	6.21	6.15	5.91	5.57	5.21
20	1.91	1.85	2.28	2.99	3.85	4.68	5.33	5.73	5.87	5.79	5.56	5.25	4.96
21	2.26	2.01	2.25	2.80	3.50	4.21	4.76	5.09	5.19	5.09	4.88	4.62	4.41
22	2.44	2.02	2.09	2.47	3.00	3.59	4.04	4.29	4.35	4.25	4.06	3.83	3.68
23	2.47	1.92	1.85	2.10	2.59	3.08	3.45	3.66	3.68	3.58	3.39	3.20	3.08
24	2.35	1.77	1.65	1.90	2.36	2.81	3.15	3.32	3.33	3.22	3.04	2.87	2.77
25	2.12	1.62	1.58	1.96	2.48	2.98	3.34	3.51	3.54	3.42	3.23	3.05	2.94
26	1.82	1.56	1.77	2.40	3.11	3.76	4.23	4.46	4.51	4.38	4.15	3.93	3.77

TABLE 3.57 LOCAL ELEVATION TABLE 53

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	78.81	79.94	80.83	81.43	81.70	81.60	81.10	80.21	78.95	77.36	76.52	73.52	71.48
2	83.29	84.84	86.06	86.87	87.23	87.07	86.39	85.17	83.46	81.32	78.85	76.18	73.49
3	87.66	89.62	91.15	92.15	92.57	92.36	91.49	89.97	87.85	85.20	82.16	78.88	75.60
4	91.59	93.92	95.72	96.89	97.36	97.08	96.03	94.24	91.75	88.67	85.15	81.37	77.59
5	94.79	97.45	99.48	100.77	101.27	100.91	99.71	97.68	94.90	91.48	87.60	83.44	79.31
6	97.03	99.95	102.15	103.52	104.01	103.58	102.23	100.02	97.03	93.40	89.29	84.92	80.61
7	98.10	101.20	103.50	104.90	105.35	104.84	103.38	101.05	97.96	94.23	90.07	85.67	81.36
8	97.83	101.04	103.38	104.75	105.13	104.53	103.00	100.63	97.53	93.86	89.80	85.56	81.44
9	96.14	99.37	101.66	102.96	103.25	102.58	101.02	98.67	95.68	92.21	88.42	84.54	80.77
10	92.98	96.14	98.33	99.50	99.69	98.96	97.41	95.18	92.41	89.27	85.91	82.55	79.32
11	88.37	91.37	93.39	94.41	94.48	93.71	92.23	90.20	87.76	85.07	82.31	79.61	77.05
12	82.37	85.14	86.94	87.77	87.74	86.97	85.61	83.84	81.83	79.73	77.69	75.75	73.98
13	75.13	77.58	79.11	79.76	79.63	78.88	77.71	76.29	74.81	73.41	72.14	71.04	70.15
14	66.84	68.93	70.16	70.60	70.40	69.72	68.78	67.81	66.94	66.25	65.79	65.60	65.63
15	57.79	59.47	60.38	60.63	60.37	59.80	59.18	58.69	58.42	58.46	58.85	59.56	60.52
16	48.37	49.61	50.20	50.26	49.97	49.54	49.26	49.22	49.55	50.32	51.53	53.12	54.97
17	39.18	39.98	40.25	40.13	39.80	39.49	39.39	39.76	40.66	42.11	44.08	46.47	49.12
18	30.45	30.82	30.78	30.49	30.13	29.92	30.06	30.79	32.09	34.12	36.79	39.82	43.16
19	22.58	22.55	22.23	21.77	21.37	21.23	21.57	22.54	24.25	26.70	29.83	33.45	37.35
20	15.94	15.57	14.98	14.36	13.89	13.78	14.23	15.39	17.35	20.10	23.55	27.52	31.77
21	10.80	10.14	9.33	8.55	7.99	7.85	8.32	9.55	11.60	14.47	18.06	22.17	26.56
22	7.29	6.40	5.42	4.50	3.82	3.59	3.99	5.15	7.15	9.96	13.48	17.53	21.85
23	5.36	4.34	3.23	2.19	1.39	1.02	1.27	2.25	4.04	6.61	9.88	13.67	17.74
24	4.81	3.74	2.57	1.44	.52	.00	.03	.75	2.21	4.42	7.28	10.64	14.28
25	5.27	4.24	3.08	1.92	.92	.25	.05	.46	1.53	3.27	5.60	8.90	11.49
26	6.26	5.36	4.29	3.18	2.17	1.39	1.00	1.10	1.75	2.98	4.74	6.90	9.34

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	69.51	67.75	66.26	65.09	64.28	63.83	63.71	63.82	64.05	64.31	64.49	64.53	64.40
2	70.93	68.59	66.61	65.05	63.97	63.34	63.13	63.28	63.61	63.99	64.29	64.44	64.40
3	72.46	69.61	67.18	65.29	63.96	63.20	62.93	63.09	63.52	64.02	64.45	64.70	64.73
4	73.99	70.71	67.94	65.77	64.26	63.39	63.09	63.25	63.75	64.36	64.90	65.24	65.34
5	75.38	71.81	68.79	66.44	64.80	63.87	63.56	63.79	64.27	64.95	65.57	65.99	66.13
6	76.51	72.80	69.67	67.23	65.54	64.59	64.28	64.47	64.99	65.72	66.38	66.85	67.03
7	77.26	73.58	70.47	68.06	66.40	65.46	65.16	65.36	65.89	66.58	67.27	67.76	67.98
8	77.54	74.04	71.10	68.83	67.27	66.39	66.12	66.31	66.81	67.47	68.13	68.61	68.82
9	77.24	74.09	71.47	69.44	68.05	67.28	67.04	67.22	67.66	68.25	68.89	69.27	69.47
10	76.31	73.67	71.47	69.79	68.65	68.01	67.82	67.96	68.34	68.82	69.31	69.66	69.82
11	74.72	72.69	71.04	69.79	68.99	68.47	68.33	68.44	68.72	69.08	69.43	69.69	69.80
12	72.43	71.13	70.09	69.33	68.83	68.55	68.48	68.55	68.71	68.92	69.13	69.27	69.32
13	69.45	68.94	68.58	68.35	68.22	68.16	68.15	68.18	68.22	68.28	68.32	68.34	68.33
14	65.83	66.14	66.50	66.84	67.10	67.26	67.31	67.28	67.19	67.07	66.95	66.85	66.78
15	61.62	62.79	63.87	64.76	65.40	65.77	65.88	65.79	65.56	65.27	65.00	64.78	64.64
16	56.95	58.92	60.67	62.08	63.08	63.64	63.81	63.66	63.30	62.85	62.45	62.11	61.90
17	51.91	54.59	56.95	58.83	60.15	60.89	61.11	60.92	60.45	59.85	59.31	58.87	58.58
18	46.63	49.91	52.78	55.06	56.65	57.55	57.82	57.59	57.03	56.31	55.66	55.11	54.75
19	41.27	45.00	48.26	50.85	52.66	53.69	54.01	53.76	53.13	52.31	51.55	50.91	50.48
20	36.02	39.99	43.50	46.30	48.27	49.39	49.76	49.51	48.84	47.95	47.10	46.38	45.86
21	30.95	35.05	38.62	41.52	43.58	44.77	45.18	44.94	44.26	43.33	42.41	41.61	41.01
22	26.19	30.25	33.80	36.65	38.71	39.93	40.38	40.18	39.51	38.58	37.61	36.79	36.05
23	21.84	25.70	29.09	31.84	33.82	35.02	35.49	35.35	34.74	33.85	32.89	31.69	31.11
24	17.98	21.49	24.60	27.15	29.02	30.18	30.68	30.59	30.06	29.22	28.23	27.22	26.32
25	14.66	17.70	20.43	22.69	24.39	25.49	26.00	25.98	25.54	24.78	23.82	22.80	21.83
26	11.89	14.37	16.64	18.56	20.05	21.05	21.56	21.61	21.27	20.60	19.71	18.70	17.68

TABLE 3.58 · LOCAL ELEVATION TABLE 54

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	15.71	16.57	17.28	17.84	18.27	18.62	18.96	19.35	19.80	20.31	20.84	21.35	21.70
2	13.45	14.21	14.76	15.10	15.27	15.35	15.42	15.54	15.76	16.10	16.52	16.93	17.26
3	12.67	13.22	13.47	13.46	13.23	12.89	12.53	12.26	12.13	12.18	12.39	12.68	12.96
4	13.46	13.67	13.52	13.02	12.26	11.37	10.46	9.67	9.08	8.74	8.64	8.74	8.95
5	15.74	15.52	14.85	13.77	12.39	10.84	9.30	7.89	6.75	5.93	5.47	5.32	5.43
6	19.26	18.55	17.30	15.59	13.53	11.30	9.07	7.01	5.26	3.93	3.06	2.64	2.64
7	23.66	22.45	20.62	18.28	15.56	12.64	9.79	7.04	4.71	2.86	1.58	.89	.76
8	28.53	26.83	24.48	21.56	18.26	14.75	11.26	7.99	5.14	2.84	1.19	.24	.00
9	33.61	31.46	28.60	25.16	21.40	17.44	13.51	9.82	6.56	3.91	1.98	.83	.49
10	38.23	35.80	32.65	28.92	24.78	20.55	16.37	12.44	8.95	6.09	3.98	2.70	2.29
11	42.04	39.48	36.23	32.42	28.23	23.89	19.68	15.72	12.21	9.31	7.15	5.82	5.37
12	44.80	42.28	39.14	35.48	31.49	27.36	23.35	19.57	16.21	13.42	11.33	10.04	9.60
13	46.45	44.13	41.27	37.98	34.39	30.70	27.12	23.76	20.76	18.26	16.39	15.22	14.82
14	47.03	45.05	42.63	39.86	36.86	33.79	30.81	28.00	25.51	23.44	21.88	20.91	20.57
15	46.74	45.19	43.30	41.15	38.84	36.49	34.21	32.07	30.16	28.58	27.39	26.65	26.39
16	45.83	44.73	43.41	41.93	40.34	38.73	37.16	35.70	34.39	33.31	32.49	31.98	31.80
17	44.56	43.91	43.14	42.28	41.36	40.43	39.52	38.67	37.91	37.27	36.78	36.47	36.36
18	43.30	42.99	42.65	42.31	41.94	41.57	41.19	40.83	40.49	40.19	39.95	39.78	39.70
19	42.19	42.16	42.13	42.13	42.16	42.17	42.16	42.12	42.04	41.93	41.80	41.70	41.62
20	41.36	41.51	41.68	41.86	42.10	42.30	42.46	42.55	42.55	42.49	42.36	42.22	42.11
21	40.86	41.11	41.37	41.62	41.86	42.09	42.23	42.27	42.20	42.03	41.80	41.56	41.37
22	40.71	40.96	41.22	41.45	41.61	41.69	41.68	41.55	41.28	40.90	40.48	40.10	39.81
23	40.83	41.05	41.25	41.40	41.46	43.52	40.28	34.93	31.23	33.33	38.08	40.53	37.97
24	41.12	41.31	41.46	41.53	43.39	45.35	32.81	24.16	20.74	22.61	29.85	41.02	38.53
25	41.51	41.66	41.80	41.87	41.81	45.83	29.36	20.61	17.07	18.80	25.91	41.06	36.19
26	41.85	42.05	42.26	42.44	44.31	46.30	33.89	25.19	21.67	23.39	30.46	41.09	38.54

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	21.78	21.49	20.84	19.80	18.44	16.89	15.34	14.02	13.17	13.02	13.72	15.36	17.91
2	17.38	17.20	16.67	15.77	14.56	13.19	11.85	10.75	10.16	10.27	11.28	13.25	16.15
3	13.12	13.08	12.75	12.13	11.27	10.28	9.35	8.68	8.51	9.09	10.41	12.71	15.89
4	9.17	9.30	9.28	9.07	8.72	8.31	7.99	7.94	8.35	9.40	11.20	13.81	17.18
5	5.71	6.06	6.42	6.74	7.03	7.35	7.80	8.52	9.69	11.28	13.59	16.42	19.88
6	2.97	3.56	4.39	5.24	6.26	7.41	8.73	10.30	12.18	14.45	17.19	20.24	23.68
7	1.15	1.98	3.18	4.68	6.44	8.43	10.64	13.05	15.69	18.55	21.62	24.84	28.15
8	.43	1.47	3.05	5.11	7.56	10.32	13.32	16.50	19.80	23.15	26.55	29.85	32.98
9	.94	2.15	4.09	6.59	9.59	12.92	16.56	20.39	24.21	28.00	31.55	34.76	37.54
10	2.75	4.06	6.15	8.94	12.30	16.08	20.12	24.36	28.55	32.47	35.97	38.93	41.28
11	5.83	7.16	9.32	12.21	15.70	19.65	23.87	28.21	32.40	36.20	39.46	42.09	43.87
12	10.02	11.31	13.92	16.25	19.66	23.48	27.52	31.66	35.55	39.00	41.83	43.90	45.18
13	15.21	16.37	18.27	20.83	23.90	27.33	30.99	34.59	37.95	40.84	43.08	44.57	45.28
14	20.90	21.88	23.47	25.61	28.18	31.03	34.02	36.97	39.63	41.82	43.39	44.26	44.42
15	26.65	27.40	28.69	30.29	32.26	34.42	36.69	38.86	40.79	42.18	43.06	43.33	43.01
16	31.98	32.51	33.38	34.53	35.90	37.38	38.92	40.33	41.96	42.20	42.53	42.36	41.73
17	36.47	36.79	37.33	38.05	38.89	39.81	40.72	41.49	42.03	42.33	42.23	41.73	40.86
18	39.74	39.90	40.20	40.60	41.08	41.60	42.10	42.46	42.72	42.72	42.38	41.71	40.76
19	41.60	41.67	41.83	42.08	42.40	42.76	43.11	43.38	43.60	43.56	43.23	42.59	41.72
20	42.05	42.08	42.23	42.51	42.90	43.35	43.85	44.36	44.79	44.99	44.89	44.50	43.87
21	41.28	41.35	41.61	42.07	42.74	43.55	44.44	45.46	46.36	47.03	47.40	47.43	47.15
22	39.71	39.86	40.31	41.09	42.19	43.54	45.09	46.76	48.32	49.64	50.62	51.20	51.37
23	37.85	38.11	38.80	39.97	41.58	43.58	45.89	48.29	50.62	52.69	54.36	55.54	56.20
24	36.49	36.81	37.71	39.23	41.36	43.99	46.97	50.11	53.18	55.99	58.36	60.18	61.36
25	36.01	36.40	37.48	39.29	41.80	44.92	48.46	52.21	55.92	59.42	62.44	64.79	66.40
26	36.61	37.24	38.41	40.38	43.13	46.55	50.45	54.60	58.75	62.73	66.17	68.90	70.82

TABLE 3.59 LOCAL ELEVATION TABLE SS

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	89.60	92.14	95.37	98.98	102.64	106.00	108.78	100.58	85.37	69.57	55.11	36.93	20.22
2	86.81	89.90	93.67	97.80	101.92	105.67	108.76	99.22	83.91	67.84	51.30	34.76	18.99
3	85.50	89.04	93.20	97.66	102.03	105.97	109.16	101.23	86.13	70.30	54.07	37.94	22.68
4	85.85	89.73	94.10	98.65	103.03	106.91	109.99	106.22	91.87	76.71	61.41	46.62	33.42
5	87.87	91.92	96.30	100.71	104.85	108.41	111.16	112.90	100.65	86.43	72.42	59.37	49.30
6	91.33	95.40	99.57	103.62	107.27	110.30	112.53	113.89	111.01	98.66	85.98	75.07	66.50
7	95.82	99.74	103.53	107.01	110.03	112.42	114.02	114.79	114.78	112.12	101.46	91.88	84.93
8	100.86	104.54	107.85	110.67	112.89	114.44	115.28	115.43	114.97	114.04	112.82	108.34	102.83
9	105.99	109.24	111.88	113.89	115.23	115.94	116.04	115.62	114.79	113.68	112.47	111.38	110.49
10	110.31	113.00	114.93	116.12	116.63	116.57	116.05	115.19	114.13	113.01	111.97	111.08	110.43
11	113.23	115.31	116.51	116.94	116.74	116.07	115.11	114.01	112.97	112.02	111.25	110.71	110.43
12	114.36	115.77	116.30	116.10	115.36	114.29	113.14	112.10	111.23	110.62	110.30	110.26	110.47
13	113.50	114.25	114.19	113.51	112.43	111.25	110.20	109.37	108.90	108.81	109.10	109.69	110.50
14	110.75	110.86	110.32	109.32	108.15	107.11	106.32	105.93	106.02	106.61	107.63	108.95	110.43
15	106.41	105.96	105.05	103.91	102.89	102.11	101.74	101.93	102.72	104.07	105.88	107.97	110.21
16	100.98	100.05	98.90	97.85	97.02	96.61	96.78	97.61	99.13	101.26	103.85	106.68	109.65
17	95.12	93.90	92.67	91.63	91.05	91.06	91.76	93.23	95.43	98.26	101.54	105.05	108.62
18	89.60	88.17	86.90	85.99	85.59	85.89	87.06	89.05	91.79	95.16	98.96	102.98	107.01
19	84.70	83.21	82.00	81.23	81.06	81.63	83.01	85.30	88.36	92.04	96.14	100.45	104.74
20	80.85	79.45	78.35	77.73	77.71	78.40	79.89	82.19	85.30	89.01	93.13	97.46	101.82
21	78.28	77.11	76.19	75.68	75.71	76.38	77.77	79.89	82.72	86.17	90.04	94.12	98.31
22	77.06	76.22	75.52	75.10	75.08	75.57	76.66	78.37	80.71	83.62	86.98	90.61	94.37
23	77.05	76.64	76.19	75.83	75.68	75.87	76.50	77.63	79.30	81.47	84.10	87.09	90.30
24	77.99	78.05	77.86	77.54	77.23	77.06	77.15	77.59	78.47	79.81	81.61	83.83	86.42
25	79.52	80.05	80.13	79.86	79.39	78.85	78.39	78.14	78.21	78.68	79.61	81.03	82.93
26	81.34	82.35	82.70	82.49	81.86	80.95	80.00	79.13	78.46	78.12	78.23	78.86	80.09

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	9.65	7.00	12.08	29.09	45.49	65.19	85.73	106.76	127.77	142.93	145.92	148.51	150.19
2	5.70	.00	7.69	23.27	41.91	62.07	83.06	104.40	125.67	141.94	145.45	148.09	149.66
3	9.43	6.39	11.19	26.35	44.20	63.71	84.22	105.18	126.19	140.80	144.23	146.74	148.27
4	25.23	22.77	26.74	36.75	51.92	69.77	88.99	108.94	128.81	138.96	142.19	144.52	145.89
5	42.76	40.81	43.95	51.96	64.05	79.38	96.84	115.31	132.75	136.93	139.36	141.40	142.54
6	61.05	59.42	61.95	68.55	78.73	91.77	107.10	123.01	130.08	133.31	135.82	137.49	138.33
7	79.76	78.34	80.43	85.96	94.63	105.90	118.51	123.90	127.07	129.75	131.75	132.98	133.47
8	98.77	97.54	99.29	103.99	110.22	115.88	118.63	121.44	123.93	125.96	127.39	128.14	128.26
9	109.98	109.94	110.44	111.89	113.01	114.93	117.09	119.10	120.90	122.27	123.09	123.35	123.13
10	110.12	110.19	110.66	111.53	112.75	114.17	115.64	117.00	118.09	118.79	119.03	118.83	118.28
11	110.43	110.69	111.23	111.98	112.86	113.77	114.61	115.27	115.65	115.70	115.40	114.78	113.97
12	110.87	111.44	112.10	112.75	113.32	113.75	113.98	113.98	113.72	113.18	112.39	111.43	110.41
13	111.40	112.34	113.15	113.74	114.06	114.07	113.77	113.19	112.34	111.30	110.12	108.90	107.78
14	111.97	113.30	114.30	114.87	114.98	114.65	113.92	112.85	111.59	110.10	108.64	107.27	106.11
15	112.39	114.11	115.37	116.01	116.00	115.38	114.31	112.89	111.26	109.56	107.99	106.52	105.41
16	112.35	114.57	116.12	116.89	116.88	116.15	114.84	113.20	111.39	109.58	107.93	106.56	105.58
17	111.69	114.47	116.32	117.30	117.39	116.69	115.38	113.65	111.62	110.04	108.48	107.27	106.46
18	110.69	113.63	115.79	117.02	117.33	116.82	115.67	114.11	112.42	110.86	109.52	108.52	107.91
19	108.65	111.92	114.37	115.91	116.54	116.37	115.57	114.37	113.03	111.81	110.80	110.10	109.74
20	105.83	109.29	112.00	113.88	114.93	115.24	114.97	114.30	113.47	112.73	112.14	111.78	111.68
21	102.26	105.79	108.72	110.96	112.51	113.43	113.82	113.83	113.65	113.47	113.36	113.38	113.53
22	98.11	101.59	104.69	107.30	109.39	110.99	112.14	112.95	113.53	113.96	114.35	114.74	115.12
23	93.63	96.97	100.17	103.12	105.76	108.08	110.05	111.70	113.07	114.19	115.09	115.81	116.37
24	89.30	92.39	95.58	98.79	101.91	104.90	107.67	110.15	112.29	114.06	115.43	116.43	117.08
25	85.31	88.11	91.26	94.66	98.23	101.79	105.22	108.41	111.24	113.56	115.33	116.52	117.18
26	81.94	84.41	87.45	90.99	94.86	98.89	102.87	106.60	109.96	112.71	114.73	116.00	116.59

TABLE 3.60 LOCAL ELEVATION TABLE 56

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	44.98	44.86	44.72	44.58	44.44	44.31	44.18	44.05	43.94	43.83	43.75	43.69	43.65
2	42.04	42.04	42.03	42.03	42.02	42.01	42.01	42.01	42.02	42.04	42.07	42.10	42.13
3	38.03	38.19	38.36	38.53	38.70	38.86	39.01	39.17	39.34	39.51	39.68	39.84	39.97
4	33.19	33.55	33.93	34.30	34.65	34.99	35.31	35.64	35.97	36.30	36.63	36.93	37.18
5	27.89	28.46	29.06	29.62	30.15	30.64	31.11	31.58	32.06	32.54	33.01	33.45	33.81
6	22.84	23.61	24.35	25.04	25.65	26.20	26.71	27.24	27.81	28.38	28.97	29.52	29.97
7	18.31	19.21	20.06	20.81	21.45	22.00	22.49	22.98	23.49	24.04	24.66	25.26	25.77
8	14.74	15.71	16.57	17.28	17.84	18.27	18.62	18.96	19.35	19.80	20.31	20.84	21.35
9	12.52	13.45	14.21	14.76	15.10	15.27	15.35	15.42	15.54	15.76	16.10	16.52	16.93
10	11.88	12.67	13.22	13.47	13.46	13.23	12.89	12.53	12.26	12.13	12.18	12.39	12.68
11	12.92	13.46	13.67	13.52	13.02	12.26	11.37	10.46	9.67	9.08	8.79	8.64	8.79
12	15.53	15.74	15.52	14.85	13.77	12.39	10.84	9.30	7.89	6.75	5.93	5.47	5.32
13	19.49	19.26	18.55	17.30	15.59	13.53	11.30	9.07	7.01	5.26	3.93	3.06	2.64
14	24.26	23.66	22.45	20.62	18.28	15.56	12.64	9.74	7.04	4.71	2.86	1.58	.89
15	29.56	28.53	26.83	24.48	21.56	18.26	14.75	11.26	7.99	5.14	2.89	1.19	.24
16	35.00	33.61	31.46	28.60	25.16	21.40	17.44	13.51	9.82	6.56	3.91	1.98	.83
17	39.89	38.23	35.80	32.65	28.92	24.78	20.55	16.37	12.44	8.95	6.09	3.98	2.70
18	43.85	42.04	39.48	36.23	32.42	28.23	23.89	19.68	15.72	12.21	9.31	7.15	5.82
19	46.62	44.80	42.28	39.14	35.48	31.49	27.36	23.35	19.57	16.21	13.42	11.33	10.04
20	48.15	46.45	44.13	41.27	37.98	34.39	30.70	27.12	23.76	20.76	18.26	16.39	15.22
21	48.51	47.03	45.05	42.63	39.86	36.86	33.79	30.81	28.00	25.51	23.49	21.88	20.91
22	47.92	46.74	45.19	43.30	41.15	38.89	36.49	34.21	32.07	30.16	28.58	27.39	26.65
23	46.67	45.83	44.73	43.41	41.93	40.34	38.73	37.16	35.70	34.39	33.31	32.49	31.98
24	45.07	44.56	43.91	43.14	42.28	41.36	40.43	39.52	38.67	37.91	37.27	36.78	36.47
25	43.54	43.30	42.99	42.65	42.31	41.94	41.57	41.19	40.83	40.49	40.19	39.95	39.78
26	42.21	42.19	42.16	42.13	42.13	42.16	42.17	42.16	42.12	42.04	41.93	41.80	41.70

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	43.64	43.65	43.69	43.75	43.83	43.92	44.03	44.14	44.27	44.41	44.57	44.73	44.91
2	42.16	42.17	42.16	42.12	42.04	41.93	41.81	41.70	41.62	41.61	41.67	41.83	42.08
3	40.05	40.07	39.98	39.80	39.51	39.13	38.70	38.30	37.95	37.73	37.68	37.83	38.21
4	37.32	37.34	37.18	36.83	36.30	35.61	34.83	34.09	33.44	32.99	32.81	32.99	33.54
5	34.02	34.04	33.81	33.31	32.54	31.54	30.41	29.32	28.38	27.71	27.43	27.66	28.42
6	30.24	30.27	29.99	29.36	28.38	27.13	25.70	24.33	23.14	22.31	21.99	22.31	23.32
7	26.09	26.14	25.83	25.13	24.04	22.68	21.14	19.59	18.24	17.31	17.00	17.48	18.81
8	21.70	21.78	21.49	20.84	19.80	18.44	16.89	15.34	14.02	13.17	13.02	13.72	15.36
9	17.26	17.38	17.20	16.67	15.77	14.56	13.19	11.85	10.75	10.16	10.27	11.28	13.25
10	12.96	13.12	13.08	12.75	12.13	11.27	10.28	9.35	8.68	8.51	9.09	10.41	12.71
11	8.95	9.17	9.30	9.28	9.07	8.72	8.31	7.99	7.94	8.35	9.40	11.20	13.81
12	5.43	5.71	6.06	6.42	6.79	7.03	7.35	7.80	8.52	9.64	11.28	13.54	16.42
13	2.64	2.97	3.56	4.34	5.29	6.26	7.91	8.73	10.30	12.18	14.45	17.19	20.29
14	.76	1.15	1.98	3.18	4.68	6.44	8.43	10.64	13.05	15.69	18.55	21.62	24.84
15	.00	.43	1.47	3.05	5.11	7.56	10.32	13.32	16.50	19.80	23.15	26.55	29.86
16	.49	.94	2.15	4.04	6.54	9.54	12.92	16.56	20.39	24.21	28.00	31.55	34.76
17	2.29	2.75	4.06	6.15	8.94	12.30	16.08	20.12	24.36	28.56	32.47	35.97	38.93
18	5.37	5.83	7.16	9.32	12.21	15.70	19.65	23.87	28.21	32.40	36.20	39.46	42.04
19	9.60	10.02	11.31	13.42	16.25	19.66	23.48	27.52	31.66	35.55	39.00	41.83	43.90
20	14.82	15.21	16.37	18.27	20.83	23.90	27.33	30.94	34.59	37.95	40.84	43.08	44.57
21	20.57	20.90	21.88	23.47	25.61	28.18	31.03	34.02	36.97	39.63	41.82	43.39	44.26
22	26.39	26.65	27.40	28.64	30.29	32.26	34.42	36.69	38.86	40.74	42.18	43.06	43.33
23	31.80	31.98	32.51	33.38	34.53	35.90	37.36	38.92	40.33	41.46	42.20	42.53	42.36
24	36.36	36.47	36.79	37.33	38.05	38.89	39.81	40.72	41.49	42.03	42.33	42.23	41.73
25	39.70	39.79	39.90	40.20	40.60	41.08	41.60	42.10	42.46	42.72	42.78	42.38	41.71
26	41.62	41.60	41.67	41.83	42.08	42.40	42.76	43.11	43.38	43.60	43.56	43.23	42.59

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TABLE 3.61 LOCAL ELEVATION TABLE 57

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	13.22	13.47	13.46	13.23	12.89	12.53	12.26	12.13	12.18	12.39	12.68	12.96	13.12
2	13.67	13.52	13.02	12.26	11.37	10.46	9.67	9.08	8.74	8.64	8.74	8.95	9.17
3	15.52	14.85	13.77	12.39	10.84	9.30	7.89	6.75	5.93	5.47	5.32	5.43	5.71
4	18.55	17.30	15.59	13.53	11.30	9.07	7.01	5.26	3.93	3.06	2.64	2.64	2.97
5	22.45	20.62	18.28	15.56	12.64	9.74	7.04	4.71	2.86	1.58	.89	.76	1.15
6	26.83	24.48	21.56	18.26	14.75	11.26	7.99	5.14	2.84	1.19	.24	.00	.43
7	31.46	28.60	25.16	21.40	17.44	13.51	9.82	6.56	3.91	1.98	.83	.49	.94
8	35.80	32.65	28.92	24.78	20.55	16.37	12.44	8.95	6.09	3.98	2.70	2.29	2.75
9	39.48	36.23	32.42	28.23	23.89	19.68	15.72	12.21	9.31	7.15	5.82	5.37	5.83
10	42.28	39.14	35.48	31.49	27.36	23.35	19.57	16.21	13.42	11.33	10.04	9.60	10.02
11	44.13	41.27	37.98	34.39	30.70	27.12	23.76	20.76	18.26	16.39	15.22	14.82	15.21
12	45.05	42.63	39.86	36.86	33.79	30.81	28.00	25.51	23.44	21.88	20.91	20.57	20.90
13	45.19	43.30	41.15	38.84	36.49	34.21	32.07	30.16	28.58	27.39	26.65	26.39	26.65
14	44.73	43.41	41.93	40.34	38.73	37.16	35.70	34.39	33.31	32.49	31.98	31.80	31.98
15	43.91	43.14	42.28	41.36	40.43	39.52	38.67	37.91	37.27	36.78	36.47	36.36	36.47
16	42.99	42.65	42.31	41.94	41.57	41.19	40.83	40.49	40.19	39.95	39.78	39.70	39.74
17	42.16	42.13	42.13	42.16	42.17	42.16	42.12	42.04	41.93	41.80	41.70	41.62	41.60
18	41.51	41.68	41.86	42.10	42.30	42.46	42.55	42.55	42.49	42.36	42.22	42.11	42.05
19	41.11	41.37	41.62	41.86	42.09	42.23	42.27	42.20	42.03	41.80	41.56	41.37	41.28
20	40.96	41.22	41.45	41.61	41.69	41.68	41.55	41.28	40.90	40.48	40.10	39.81	39.71
21	41.05	41.25	41.40	41.46	43.52	40.28	34.93	31.23	33.33	38.08	40.53	37.97	37.85
22	41.31	41.46	41.53	43.39	45.35	32.81	24.16	20.74	22.61	29.85	41.02	38.53	36.49
23	41.66	41.80	41.87	41.81	45.83	29.36	20.61	17.07	16.80	25.91	41.06	36.19	36.01
24	42.05	42.26	42.44	44.31	46.30	33.89	25.19	21.67	23.39	30.46	41.09	38.54	36.81
25	42.41	42.81	43.23	43.57	45.85	42.43	36.43	33.04	34.87	39.30	42.11	39.35	39.15
26	42.71	43.41	44.25	45.03	45.66	45.69	45.67	45.33	44.71	44.19	43.89	43.25	43.03

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	13.08	12.75	12.13	11.27	10.28	9.35	8.68	8.51	9.09	10.41	12.71	15.89	19.79
2	9.30	9.28	9.07	8.72	8.31	7.99	7.94	8.35	9.40	11.20	13.81	17.18	21.15
3	6.06	6.42	6.74	7.03	7.35	7.80	8.52	9.64	11.28	13.54	16.42	19.88	23.77
4	3.56	4.34	5.24	6.26	7.41	8.73	10.30	12.18	14.45	17.14	20.24	23.68	27.33
5	1.98	3.18	4.68	6.44	8.43	10.64	13.05	15.69	18.55	21.62	24.89	28.15	31.44
6	1.47	3.05	5.11	7.56	10.32	13.32	16.50	19.80	23.15	26.55	29.85	32.98	35.84
7	2.15	4.09	6.54	9.54	12.92	16.56	20.34	24.21	28.00	31.55	34.76	37.54	39.84
8	4.06	6.15	8.94	12.30	16.08	20.12	24.36	28.55	32.47	35.97	38.93	41.28	42.98
9	7.16	9.32	12.21	15.70	19.65	23.87	28.21	32.90	36.20	39.46	42.09	43.87	44.92
10	11.31	13.42	16.25	19.66	23.48	27.52	31.66	35.55	39.00	41.83	43.90	45.18	45.70
11	16.37	18.27	20.83	23.90	27.33	30.94	34.59	37.95	40.89	43.08	44.57	45.28	45.28
12	21.88	23.47	25.61	28.18	31.03	34.02	36.97	39.63	41.82	43.39	44.26	44.42	43.97
13	27.90	28.64	30.29	32.26	34.42	36.69	38.86	40.74	42.18	43.06	43.33	43.01	42.23
14	32.51	33.38	34.53	35.90	37.38	38.92	40.33	41.46	42.20	42.53	42.36	41.73	40.75
15	36.79	37.33	38.05	38.89	39.81	40.72	41.49	42.03	42.33	42.23	41.73	40.86	39.76
16	39.90	40.20	40.60	41.08	41.60	42.10	42.46	42.72	42.72	42.38	41.71	40.76	39.66
17	41.67	41.83	42.08	42.40	42.76	43.11	43.38	43.60	43.56	43.23	42.59	41.72	40.73
18	42.08	42.23	42.51	42.90	43.35	43.85	44.36	44.79	44.99	44.89	44.50	43.87	43.09
19	41.35	41.61	42.07	42.74	43.55	44.44	45.46	46.36	47.03	47.40	47.43	47.15	46.66
20	39.86	40.31	41.09	42.19	43.54	45.09	46.76	48.32	49.69	50.62	51.20	51.37	51.22
21	38.11	38.80	39.97	41.58	43.58	45.89	48.29	50.62	52.69	54.36	55.54	56.20	56.41
22	36.81	37.71	39.23	41.36	43.99	46.97	50.11	53.18	55.99	58.36	60.18	61.36	61.93
23	36.40	37.48	39.29	41.80	44.92	48.46	52.21	55.92	59.42	62.44	64.79	66.40	67.28
24	37.24	38.41	40.38	43.13	46.55	50.45	54.60	58.75	62.73	66.17	68.90	70.82	71.92
25	39.56	40.72	42.69	45.48	48.96	52.95	57.22	61.56	65.71	69.33	72.23	74.30	75.52
26	43.37	44.40	46.21	48.81	52.09	55.89	59.98	64.22	68.24	71.77	74.61	76.67	77.90

TABLE 3.62 · LOCAL ELEVATION TABLE 58

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	34.55	33.42	31.51	28.84	25.50	21.69	17.63	13.72	10.06	6.88	4.35	2.55	1.51
2	38.60	37.38	35.31	32.41	28.79	24.64	20.21	15.92	11.90	8.37	5.53	3.47	2.21
3	41.57	40.30	38.13	35.10	31.32	26.97	22.31	17.77	13.50	9.72	6.63	4.34	2.87
4	43.38	42.09	39.90	36.83	32.98	28.56	23.81	19.14	14.73	10.80	7.54	5.07	3.41
5	44.07	42.80	40.64	37.59	33.78	29.38	24.64	19.96	15.51	11.52	8.16	5.57	3.76
6	43.84	42.60	40.49	37.51	33.78	29.47	24.81	20.19	15.78	11.81	8.43	5.79	3.90
7	42.91	41.70	39.64	36.75	33.11	28.91	24.36	19.84	15.53	11.62	8.31	5.69	3.80
8	41.55	40.36	38.35	35.50	31.99	27.81	23.37	18.95	14.75	10.96	7.76	5.25	3.47
9	40.08	38.87	36.83	33.99	30.43	26.33	21.93	17.60	13.50	9.85	6.81	4.50	2.94
10	38.74	37.50	35.40	32.46	28.79	24.62	20.19	15.90	11.88	8.36	5.53	3.50	2.27
11	37.64	36.34	34.14	31.07	27.26	22.92	18.39	14.00	10.02	6.64	4.05	2.36	1.57
12	36.90	35.51	33.17	29.92	25.90	21.36	16.61	12.12	8.14	4.88	2.56	1.26	.98
13	36.56	35.07	32.57	29.11	24.86	20.08	15.13	10.45	6.46	3.33	1.27	.90	.68
14	36.61	35.03	32.39	28.73	24.24	19.24	14.09	9.24	5.23	2.22	.95	.00	.84
15	37.02	35.38	32.62	28.81	24.19	18.96	13.67	8.73	4.70	1.83	.33	.28	1.63
16	37.71	36.05	33.24	29.35	24.61	19.35	14.01	9.07	5.09	2.38	1.12	1.42	3.21
17	38.59	36.96	34.19	30.34	25.68	20.44	15.18	10.36	6.53	4.00	2.98	3.56	5.66
18	39.56	38.01	35.37	31.69	27.19	22.21	17.19	12.60	9.06	6.76	5.95	6.71	8.97
19	40.51	39.13	36.68	33.29	29.19	24.59	19.91	15.80	12.58	10.54	9.91	10.77	13.09
20	41.29	40.14	38.03	35.02	31.30	27.24	23.23	19.66	16.85	15.11	14.63	15.50	17.63
21	41.75	40.86	39.15	36.68	33.59	30.19	26.83	23.86	21.52	20.09	19.79	20.53	22.90
22	41.76	41.15	39.87	37.98	35.58	32.89	30.30	27.97	26.19	25.03	24.79	25.44	26.96
23	41.21	40.84	39.99	38.68	36.99	35.08	33.22	31.55	30.24	29.45	29.29	29.77	30.88
24	39.99	39.82	39.34	38.56	37.59	36.37	35.21	34.18	33.37	32.88	32.77	33.08	33.78
25	38.03	37.98	37.79	37.46	37.01	36.49	35.97	35.50	35.14	34.91	34.86	35.00	35.32
26	35.32	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	1.17	1.90	2.06	2.96	3.98	4.99	5.69	6.18	6.39	6.35	6.12	5.76	5.35
2	1.70	1.81	2.38	3.22	4.19	5.11	5.84	6.29	6.47	6.41	6.17	5.83	5.47
3	2.17	2.12	2.54	3.25	4.11	4.99	5.59	5.99	6.13	6.05	5.82	5.51	5.22
4	2.52	2.27	2.52	3.06	3.76	4.47	5.02	5.35	5.45	5.36	5.14	4.88	4.67
5	2.71	2.29	2.35	2.73	3.26	3.85	4.30	4.56	4.62	4.52	4.32	4.10	3.94
6	2.73	2.19	2.12	2.36	2.85	3.34	3.71	3.92	3.95	3.84	3.65	3.47	3.34
7	2.62	2.03	1.91	2.16	2.62	3.07	3.41	3.59	3.60	3.48	3.30	3.13	3.03
8	2.38	1.89	1.84	2.22	2.74	3.29	3.61	3.79	3.80	3.68	3.49	3.31	3.20
9	2.08	1.82	2.04	2.66	3.37	4.02	4.49	4.74	4.77	4.64	4.42	4.19	4.03
10	1.79	1.92	2.58	3.58	4.61	5.52	6.18	6.54	6.62	6.48	6.20	5.89	5.65
11	1.59	2.27	3.51	5.02	6.52	7.79	8.72	9.25	9.40	9.24	8.89	8.46	8.08
12	1.61	2.94	4.88	7.02	9.07	10.80	12.06	12.79	13.02	12.85	12.40	11.83	11.29
13	1.97	4.02	6.70	9.54	12.20	14.42	16.05	17.01	17.34	17.15	16.60	15.87	15.13
14	2.79	5.57	8.99	12.51	15.77	18.50	20.49	21.68	22.10	21.90	21.24	20.35	19.43
15	4.18	7.63	11.70	15.84	19.65	22.82	25.17	26.58	27.11	26.88	26.12	25.07	24.02
16	6.25	10.22	14.79	19.41	23.68	27.27	29.89	31.47	32.06	31.82	30.98	29.81	28.61
17	9.03	13.32	18.19	23.11	27.70	31.50	34.28	35.95	36.58	36.32	35.44	34.18	32.89
18	12.48	16.89	21.78	26.84	31.48	35.31	38.10	39.78	40.40	40.14	39.23	37.96	36.43
19	16.49	20.76	25.47	30.37	34.82	38.49	41.16	42.75	43.33	43.06	42.18	40.93	39.44
20	20.81	24.74	29.05	33.52	37.56	40.89	43.30	44.73	45.23	44.96	44.13	42.98	41.79
21	25.16	28.55	32.27	36.10	39.56	42.40	44.44	45.69	46.04	45.78	45.03	44.02	42.98
22	29.18	31.90	34.88	37.93	40.69	42.94	44.54	45.47	45.75	45.51	44.89	44.05	43.21
23	32.51	34.49	36.65	38.87	40.86	42.47	43.62	44.26	44.43	44.22	43.74	43.11	42.49
24	34.80	36.04	37.40	38.78	40.02	41.01	41.70	42.08	42.16	42.01	41.68	41.27	40.87
25	35.78	36.35	36.96	37.59	38.15	38.59	38.89	39.05	39.07	38.98	38.82	38.62	38.44
26	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31

TABLE 3.63 LOCAL ELEVATION TABLE 59

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
2	5.59	5.66	5.74	5.82	5.88	5.91	5.87	5.76	5.58	5.32	4.98	4.60	4.19
3	6.70	6.80	6.92	7.05	7.15	7.19	7.14	6.97	6.68	6.26	5.73	5.11	4.46
4	7.02	7.13	7.27	7.42	7.53	7.58	7.52	7.33	7.00	6.52	5.92	5.22	4.47
5	6.73	6.83	6.95	7.09	7.20	7.25	7.20	7.02	6.71	6.26	5.69	5.03	4.32
6	6.09	6.10	6.20	6.31	6.40	6.44	6.40	6.26	6.01	5.65	5.19	4.65	4.08
7	5.15	5.19	5.26	5.34	5.40	5.42	5.40	5.31	5.15	4.91	4.61	4.25	3.87
8	4.38	4.40	4.43	4.47	4.50	4.52	4.50	4.46	4.38	4.26	4.10	3.92	3.73
9	3.76	3.77	3.77	3.78	3.78	3.78	3.78	3.77	3.76	3.75	3.73	3.71	3.69
10	3.39	3.39	3.38	3.36	3.34	3.33	3.33	3.34	3.39	3.45	3.54	3.65	3.77
11	3.26	3.29	3.27	3.24	3.21	3.18	3.18	3.21	3.28	3.39	3.55	3.74	3.95
12	3.39	3.41	3.40	3.37	3.33	3.29	3.28	3.31	3.39	3.52	3.70	3.92	4.18
13	3.62	3.67	3.67	3.63	3.59	3.55	3.54	3.57	3.65	3.78	3.96	4.18	4.43
14	3.92	3.98	3.99	3.97	3.93	3.90	3.88	3.89	3.94	4.04	4.18	4.36	4.56
15	4.08	4.14	4.16	4.15	4.12	4.09	4.07	4.07	4.10	4.16	4.25	4.36	4.50
16	4.00	4.04	4.06	4.06	4.04	4.02	4.01	4.00	4.01	4.03	4.07	4.13	4.19
17	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
18	2.97	2.91	2.88	2.87	2.88	2.90	2.92	2.94	2.95	2.95	2.92	2.88	2.83
19	2.13	2.00	1.93	1.91	1.92	1.97	2.02	2.07	2.10	2.10	2.07	2.02	1.95
20	1.31	1.12	1.02	.99	1.02	1.09	1.18	1.26	1.31	1.33	1.32	1.26	1.17
21	.73	.49	.37	.33	.36	.44	.55	.65	.73	.77	.76	.71	.63
22	.54	.30	.16	.12	.15	.24	.35	.45	.54	.59	.60	.57	.50
23	.95	.74	.62	.58	.61	.68	.77	.87	.95	1.00	1.01	.99	.95
24	2.09	1.97	1.90	1.88	1.89	1.93	1.99	2.04	2.09	2.12	2.13	2.12	2.10
25	4.05	4.07	4.09	4.10	4.10	4.09	4.08	4.06	4.05	4.04	4.03	4.02	4.02
26	6.82	7.05	7.18	7.23	7.21	7.13	7.03	6.92	6.82	6.74	6.70	6.68	6.70

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	3.62	3.62	3.66	3.71	3.74	3.76	3.77	3.77	3.75	3.74	3.72	3.71	3.69
2	3.79	3.42	3.13	2.91	2.76	2.67	2.63	2.65	2.70	2.77	2.84	2.91	2.97
3	3.82	3.22	2.73	2.35	2.08	1.91	1.86	1.88	1.97	2.09	2.23	2.35	2.44
4	3.75	3.06	2.50	2.04	1.72	1.53	1.46	1.49	1.60	1.74	1.90	2.04	2.16
5	3.63	2.98	2.44	2.00	1.68	1.50	1.43	1.46	1.56	1.70	1.86	2.00	2.11
6	3.52	3.00	2.55	2.18	1.92	1.77	1.71	1.74	1.82	1.94	2.07	2.18	2.27
7	3.49	3.12	2.81	2.55	2.37	2.26	2.22	2.24	2.30	2.38	2.47	2.55	2.62
8	3.53	3.34	3.18	3.05	2.96	2.90	2.88	2.89	2.92	2.96	3.01	3.05	3.08
9	3.67	3.65	3.63	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
10	3.89	4.00	4.12	4.22	4.29	4.33	4.35	4.34	4.32	4.28	4.25	4.22	4.20
11	4.16	4.39	4.59	4.75	4.87	4.94	4.96	4.95	4.91	4.86	4.80	4.76	4.72
12	4.46	4.72	4.96	5.15	5.29	5.37	5.40	5.38	5.34	5.28	5.21	5.16	5.11
13	4.69	4.94	5.17	5.36	5.49	5.57	5.60	5.58	5.54	5.48	5.42	5.36	5.32
14	4.77	4.99	5.17	5.33	5.44	5.50	5.53	5.52	5.48	5.43	5.38	5.33	5.30
15	4.64	4.79	4.92	5.03	5.11	5.15	5.17	5.16	5.13	5.10	5.06	5.03	5.01
16	4.26	4.33	4.40	4.45	4.49	4.51	4.52	4.51	4.50	4.48	4.47	4.45	4.44
17	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62
18	2.77	2.72	2.66	2.62	2.59	2.57	2.56	2.56	2.57	2.58	2.60	2.61	2.62
19	1.86	1.77	1.68	1.61	1.56	1.53	1.52	1.53	1.54	1.57	1.59	1.61	1.63
20	1.07	.98	.85	.76	.69	.66	.64	.65	.67	.70	.73	.76	.78
21	.52	.41	.30	.20	.13	.09	.08	.09	.11	.14	.18	.20	.22
22	.41	.30	.20	.11	.05	.01	.00	.01	.03	.06	.09	.12	.14
23	.88	.80	.72	.66	.61	.58	.57	.57	.59	.62	.64	.66	.67
24	2.06	2.02	1.98	1.94	1.92	1.90	1.90	1.90	1.91	1.92	1.93	1.94	1.95
25	4.02	4.02	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
26	6.74	6.79	6.84	6.89	6.93	6.95	6.95	6.95	6.93	6.92	6.90	6.89	6.88

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TABLE 3.64 | LOCAL ELEVATION TABLE 60

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	5.90	6.16	6.46	6.81	7.17	7.55	7.93	8.27	8.58	8.83	9.02	9.16	8.83
2	4.64	4.98	5.40	5.88	6.40	6.93	7.45	7.95	8.39	8.78	9.07	9.27	9.39
3	3.75	4.15	4.64	5.21	5.82	6.46	7.09	7.69	8.22	8.67	9.04	9.29	9.46
4	3.55	3.94	4.44	5.01	5.64	6.30	6.95	7.56	8.11	8.58	8.95	9.23	9.39
5	4.30	4.62	5.03	5.51	6.04	6.59	7.15	7.67	8.14	8.53	8.84	9.09	9.23
6	6.17	6.35	6.58	6.85	7.15	7.47	7.78	8.07	8.34	8.57	8.74	8.89	8.98
7	9.24	9.21	9.16	9.10	9.04	8.96	8.89	8.82	8.76	8.71	8.66	8.64	8.64
8	13.43	13.11	12.70	12.20	11.64	11.05	10.47	9.90	9.39	8.96	8.64	8.42	8.29
9	18.49	17.84	16.99	15.97	14.83	13.62	12.41	11.25	10.21	9.36	8.68	8.20	7.90
10	24.06	23.06	21.73	20.14	18.36	16.47	14.60	12.83	11.23	9.86	8.76	7.98	7.50
11	29.91	28.54	26.71	24.53	22.08	19.48	16.93	14.49	12.27	10.37	8.87	7.78	7.12
12	35.32	33.61	31.34	28.60	25.54	22.29	19.08	16.02	13.24	10.86	8.96	7.60	6.76
13	39.76	37.78	35.13	31.95	28.38	24.59	20.85	17.28	14.03	11.24	9.03	7.44	6.47
14	42.77	40.61	37.72	34.23	30.31	26.15	22.09	18.11	14.54	11.48	9.05	7.31	6.29
15	44.07	41.83	38.84	35.22	31.14	26.81	22.53	18.45	14.73	11.55	9.02	7.21	6.11
16	43.50	41.31	38.37	34.80	30.78	26.50	22.28	18.24	14.57	11.42	8.93	7.15	6.08
17	41.13	39.10	36.35	33.02	29.26	25.26	21.29	17.51	14.07	11.13	8.80	7.15	6.16
18	37.18	35.90	32.99	30.05	26.73	23.19	19.69	16.39	13.30	10.70	8.65	7.20	6.35
19	32.03	30.57	28.60	26.18	23.49	20.52	17.62	14.85	12.34	10.20	8.52	7.34	6.65
20	26.12	25.04	23.56	21.74	19.68	17.47	15.28	13.19	11.29	9.68	8.42	7.55	7.05
21	20.05	19.34	18.38	17.19	15.83	14.38	12.91	11.51	10.27	9.22	8.40	7.84	7.53
22	14.29	13.95	13.47	12.88	12.20	11.48	10.75	10.04	9.41	8.87	8.47	8.21	8.08
23	9.13	9.10	9.06	9.01	8.96	8.91	8.85	8.80	8.76	8.71	8.68	8.65	8.64
24	4.89	5.12	5.44	5.85	6.32	6.83	7.36	7.86	8.31	8.69	8.96	9.16	9.25
25	1.81	2.21	2.80	3.55	4.42	5.36	6.32	7.25	8.08	8.76	9.29	9.63	9.77
26	.00	.51	1.26	2.21	3.32	4.53	5.77	6.96	8.02	8.90	9.59	10.01	10.16

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	8.85	8.86	9.23	9.20	9.19	9.20	9.22	9.27	9.32	9.37	9.40	9.38	9.31
2	9.43	9.42	9.37	9.32	9.29	9.27	9.28	9.32	9.37	9.43	9.47	9.46	9.39
3	9.50	9.48	9.41	9.34	9.27	9.23	9.22	9.24	9.28	9.34	9.38	9.38	9.33
4	9.45	9.42	9.35	9.26	9.18	9.11	9.08	9.08	9.11	9.15	9.19	9.21	9.18
5	9.28	9.26	9.20	9.10	9.02	8.96	8.91	8.90	8.92	8.95	8.99	9.00	8.99
6	9.01	9.00	8.96	8.90	8.84	8.79	8.77	8.77	8.78	8.79	8.81	8.82	8.81
7	8.64	8.64	8.64	8.64	8.65	8.66	8.68	8.68	8.69	8.69	8.69	8.68	8.67
8	8.23	8.24	8.29	8.37	8.47	8.56	8.63	8.68	8.69	8.67	8.64	8.61	8.58
9	7.77	7.79	7.91	8.08	8.30	8.50	8.65	8.74	8.77	8.74	8.68	8.61	8.55
10	7.30	7.32	7.51	7.80	8.15	8.48	8.72	8.87	8.92	8.89	8.80	8.68	8.57
11	6.83	6.87	7.14	7.54	8.03	8.48	8.83	9.04	9.12	9.08	8.96	8.80	8.64
12	6.41	6.46	6.80	7.32	7.94	8.51	8.95	9.23	9.34	9.30	9.15	8.93	8.73
13	6.06	6.12	6.52	7.14	7.87	8.55	9.08	9.42	9.56	9.51	9.34	9.08	8.83
14	5.80	5.88	6.33	7.02	7.84	8.59	9.20	9.58	9.74	9.69	9.50	9.21	8.91
15	5.66	5.76	6.25	6.98	7.85	8.64	9.29	9.70	9.87	9.82	9.61	9.30	8.97
16	5.65	5.77	6.27	7.02	7.89	8.70	9.34	9.76	9.92	9.88	9.66	9.34	9.00
17	5.78	5.91	6.41	7.13	7.97	8.75	9.36	9.75	9.91	9.86	9.65	9.34	9.01
18	6.05	6.19	6.66	7.32	8.08	8.79	9.34	9.70	9.83	9.78	9.58	9.30	8.99
19	6.43	6.57	6.99	7.56	8.21	8.82	9.29	9.58	9.69	9.64	9.46	9.21	8.94
20	6.90	7.04	7.38	7.84	8.35	8.83	9.19	9.41	9.49	9.45	9.30	9.10	8.88
21	7.46	7.57	7.81	8.13	8.48	8.81	9.05	9.20	9.25	9.21	9.10	8.96	8.81
22	8.05	8.11	8.24	8.41	8.59	8.75	8.87	8.94	8.96	8.94	8.88	8.81	8.73
23	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.65	8.65	8.65
24	9.24	9.15	9.00	8.83	8.67	8.53	8.42	8.36	8.34	8.37	8.42	8.49	8.57
25	9.73	9.55	9.27	8.94	8.65	8.39	8.20	8.09	8.06	8.11	8.22	8.36	8.51
26	10.08	9.81	9.43	8.99	8.59	8.25	8.00	7.86	7.84	7.92	8.07	8.26	8.46

TABLE 3.65 LOCAL ELEVATION TABLE 61

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	69.13	71.57	73.71	75.55	77.07	78.33	79.39	80.33	81.21	82.08	82.95	83.81	84.59
2	64.30	66.49	68.70	70.88	73.00	75.03	76.96	78.77	80.44	81.95	83.28	84.40	85.26
3	60.05	62.05	64.35	66.90	69.63	72.44	75.21	77.86	80.29	82.40	84.15	85.48	86.37
4	56.87	58.74	61.16	64.07	67.34	70.82	74.32	77.68	80.73	83.35	85.42	86.90	87.78
5	55.10	56.95	59.51	62.71	66.39	70.35	74.37	78.23	81.72	84.66	86.94	88.50	89.34
6	54.97	56.91	59.62	63.01	66.91	71.12	75.38	79.46	83.12	86.19	88.59	90.20	90.98
7	56.51	58.64	61.98	64.94	68.86	73.09	77.23	81.22	84.80	87.84	90.19	91.72	92.45
8	59.52	61.91	64.86	68.27	72.00	75.88	79.71	83.33	86.62	89.40	91.51	92.91	93.57
9	63.65	66.34	69.35	72.59	75.94	79.28	82.54	85.61	88.34	90.63	92.39	93.58	94.19
10	68.42	71.40	74.43	77.43	80.30	83.00	85.48	87.72	89.68	91.34	92.66	93.62	94.16
11	73.42	76.70	79.68	82.29	84.52	86.39	87.95	89.26	90.39	91.36	92.21	92.89	93.36
12	77.88	81.29	84.12	86.29	87.86	88.89	89.54	89.95	90.25	90.58	90.93	91.31	91.69
13	81.21	84.59	87.16	88.87	89.80	90.09	89.93	89.54	89.18	88.93	88.89	88.93	89.15
14	83.00	86.16	88.39	89.64	90.02	89.70	88.92	87.93	87.09	86.32	85.87	85.94	86.17
15	83.06	85.82	87.62	88.45	88.40	87.66	86.48	85.12	83.87	82.83	82.21	82.91	83.25
16	81.43	83.63	84.96	85.90	85.07	84.12	82.76	81.25	79.86	78.65	79.36	80.29	65.09
17	78.33	79.88	80.72	80.86	80.37	79.40	78.09	76.64	75.26	74.03	72.88	68.21	52.46
18	74.18	75.09	75.42	75.33	74.83	73.98	72.89	71.70	70.50	69.35	68.35	57.82	43.28
19	69.45	69.71	69.76	69.58	69.19	68.62	67.89	67.03	66.08	65.09	64.19	52.08	37.40
20	64.85	64.67	64.46	64.24	64.00	63.71	63.32	62.82	62.17	61.38	60.51	49.88	35.09
21	60.64	60.17	59.84	59.67	59.61	59.62	59.58	59.41	59.05	58.46	57.69	52.83	36.58
22	57.13	56.59	56.29	56.24	56.40	56.67	56.92	57.03	56.90	56.49	56.83	57.68	42.55
23	54.53	54.14	54.02	54.17	54.54	55.01	55.46	55.75	55.77	55.47	54.87	55.68	49.45
24	52.90	52.87	53.05	53.44	53.99	54.60	55.13	55.49	55.56	55.31	54.76	54.11	53.33
25	52.15	52.64	53.21	53.86	54.55	55.19	55.71	56.01	56.03	55.76	55.24	54.55	54.06
26	52.07	53.16	54.16	55.06	55.83	56.42	56.82	56.96	56.88	56.55	56.03	55.41	54.86

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	85.22	85.64	85.77	85.57	85.07	84.31	83.45	82.75	82.32	82.35	83.09	84.53	86.86
2	85.83	86.07	85.98	85.55	84.84	83.95	83.01	82.32	81.95	82.09	82.89	84.48	86.90
3	86.82	86.83	86.46	85.75	84.80	83.73	82.70	81.98	81.65	81.87	82.76	84.43	86.90
4	88.08	87.86	87.21	86.21	85.01	83.75	82.60	81.82	81.48	81.72	82.66	84.36	86.83
5	89.51	89.08	88.18	86.94	85.51	84.06	82.77	81.88	81.47	81.67	82.59	84.27	86.34
6	91.02	90.41	89.32	87.90	86.28	84.65	83.22	82.19	81.65	81.74	82.56	84.16	86.59
7	92.42	91.75	90.55	88.99	87.25	85.48	83.94	82.72	82.00	81.92	82.58	84.05	86.33
8	93.54	92.90	91.73	90.16	88.34	86.50	84.81	83.41	82.49	82.19	82.66	83.96	86.12
9	94.21	93.67	92.63	91.17	89.40	87.50	85.72	84.16	83.03	82.52	82.77	83.90	85.93
10	94.25	93.89	93.05	91.79	90.16	88.31	86.48	84.83	83.55	82.86	82.93	83.90	85.82
11	93.54	93.37	92.80	91.80	91.62	91.19	88.20	85.27	83.94	83.16	83.12	83.98	85.81
12	91.96	96.70	91.69	92.38	93.07	94.06	90.00	86.92	84.23	88.10	83.31	84.14	85.93
13	94.56	100.03	90.36	81.59	77.63	75.53	75.42	77.46	84.85	93.43	86.67	84.39	86.19
14	84.03	78.65	68.28	62.82	59.26	57.59	57.92	60.90	65.22	75.57	81.25	84.74	86.81
15	67.79	58.91	51.19	46.09	42.88	41.74	42.65	45.74	51.16	59.07	69.60	81.42	88.37
16	52.85	43.47	36.36	31.47	28.73	28.14	29.72	33.54	39.69	48.27	59.36	74.26	90.57
17	40.56	31.11	24.07	19.39	17.05	17.02	19.31	23.92	30.88	40.21	51.91	66.00	83.81
18	31.22	21.67	14.63	10.13	8.14	8.65	11.63	17.03	24.81	34.90	47.24	61.75	80.09
19	25.17	15.49	8.93	4.09	2.35	3.33	6.93	13.06	21.59	32.38	45.30	60.20	80.89
20	22.71	12.90	5.79	1.48	.00	1.35	5.46	12.17	21.31	32.68	46.06	61.27	79.67
21	24.10	14.18	7.01	2.71	1.37	2.96	7.40	14.51	24.07	35.82	49.50	64.88	83.17
22	29.46	19.47	12.23	7.92	6.61	8.30	12.88	20.17	29.91	41.81	55.59	71.84	89.91
23	38.61	28.78	21.51	17.14	15.77	17.41	21.93	29.16	38.82	50.63	64.29	78.34	95.61
24	50.20	44.99	34.70	30.25	28.75	30.18	34.46	41.40	50.75	65.21	74.30	79.89	81.81
25	58.43	63.19	54.26	46.77	45.08	46.21	50.06	56.98	68.25	81.20	78.95	76.69	78.71
26	54.46	59.29	54.75	56.97	59.61	63.85	63.73	64.67	66.13	73.78	71.32	73.45	75.09

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TABLE 3.66 LOCAL ELEVATION TABLE 62

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	4.23	4.50	4.88	5.32	5.78	6.13	6.28	6.15	5.68	4.89	3.86	2.69	1.55
2	4.36	4.61	4.93	5.30	5.65	5.89	5.96	5.78	5.31	4.61	3.73	2.77	1.89
3	4.47	4.68	4.92	5.17	5.39	5.51	5.50	5.30	4.92	4.41	3.80	3.19	2.73
4	4.55	4.71	4.85	4.95	5.01	5.01	4.92	4.76	4.53	4.29	4.07	3.97	4.07
5	4.65	4.71	4.71	4.65	4.59	4.40	4.29	4.20	4.20	4.30	4.58	5.07	5.86
6	4.74	4.69	4.53	4.28	4.01	3.78	3.64	3.67	3.92	4.44	5.27	6.43	7.94
7	4.84	4.65	4.32	3.87	3.45	3.12	2.98	3.13	3.66	4.61	6.02	7.87	10.12
8	4.97	4.62	4.09	3.45	2.88	2.46	2.33	2.61	3.41	4.78	6.79	9.24	12.19
9	5.12	4.59	3.87	3.05	2.34	1.89	1.71	2.12	3.16	4.92	7.37	10.44	13.99
10	5.30	4.58	3.66	2.67	1.84	1.27	1.16	1.67	2.93	4.99	7.83	11.36	15.38
11	5.51	4.59	3.48	2.36	1.41	.79	.69	1.28	2.70	4.98	8.11	11.95	16.30
12	5.72	4.61	3.35	2.11	1.08	.42	.33	.98	2.49	4.92	8.21	12.23	16.75
13	5.91	4.63	3.26	1.99	.86	.18	.09	.77	2.33	4.81	8.16	12.23	16.80
14	6.09	4.67	3.23	1.88	.77	.08	.00	.68	2.24	4.70	8.02	12.05	16.56
15	6.07	4.69	3.25	1.92	.83	.15	.06	.72	2.23	4.63	7.86	11.77	16.17
16	5.96	4.68	3.34	2.07	1.03	.37	.28	.91	2.35	4.69	7.79	11.52	15.76
17	5.71	4.65	3.98	2.32	1.37	.75	.65	1.23	2.58	4.76	7.72	11.36	15.48
18	5.29	4.57	3.67	2.68	1.89	1.27	1.16	1.67	2.93	4.99	7.83	11.36	15.38
19	4.79	4.47	3.90	3.14	2.90	1.89	1.76	2.20	3.36	5.32	8.06	11.52	15.50
20	4.10	4.34	4.17	3.66	3.03	2.56	2.41	2.77	3.83	5.69	8.37	11.79	15.79
21	3.46	4.24	4.95	4.20	3.68	3.23	3.09	3.32	4.28	6.06	8.68	12.10	16.15
22	2.89	4.16	4.74	4.79	4.32	3.89	3.58	3.77	4.63	6.32	8.91	12.33	16.49
23	2.45	4.14	5.03	5.21	4.86	4.32	3.99	4.06	4.81	6.41	8.94	12.36	16.50
24	2.21	4.21	5.29	5.59	5.25	4.62	4.19	4.19	4.76	6.25	8.70	12.07	16.19
25	2.23	4.36	5.53	5.83	5.95	4.71	4.16	3.98	4.45	5.81	8.19	11.90	15.92
26	2.52	4.61	5.72	5.93	5.99	4.58	3.90	3.57	3.89	5.09	7.29	10.32	14.14

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	.64	.18	.35	1.33	3.18	5.89	9.36	13.37	17.66	21.93	25.99	29.99	32.08
2	1.27	1.13	1.63	2.91	5.09	8.00	11.66	15.82	20.21	24.57	28.67	32.13	34.77
3	2.57	2.88	3.79	5.91	7.78	10.88	14.57	18.67	22.93	27.19	31.02	34.27	36.73
4	4.50	5.36	6.75	8.72	11.37	14.99	18.01	21.85	25.79	29.57	33.00	35.85	37.96
5	6.96	8.95	10.36	12.69	15.92	18.98	21.79	25.20	28.62	31.81	34.60	36.86	38.50
6	9.78	11.99	14.37	17.03	19.87	22.79	25.77	28.66	31.36	33.77	35.79	37.36	38.45
7	12.69	15.50	18.93	21.93	24.37	27.19	29.67	31.91	33.82	35.38	36.58	37.41	37.91
8	15.49	18.86	22.33	25.61	28.57	31.10	33.17	34.75	35.87	36.59	36.97	37.09	37.02
9	17.82	21.81	25.67	29.16	32.10	34.90	36.02	36.98	37.39	37.35	37.00	36.99	35.95
10	19.67	24.09	28.24	31.86	34.77	36.89	38.07	38.52	38.33	37.67	36.73	35.75	34.87
11	20.92	25.61	29.99	33.62	36.97	38.35	39.28	39.39	38.70	37.59	36.29	34.96	33.83
12	21.55	26.37	30.77	34.46	37.23	38.98	39.70	39.52	38.61	37.24	35.66	34.20	32.95
13	21.69	26.47	30.85	34.51	37.22	38.89	39.51	39.22	38.21	36.75	35.15	33.60	32.39
14	21.33	26.09	30.41	34.01	36.68	38.32	38.99	38.66	37.79	36.36	34.79	33.29	32.06
15	20.81	25.46	29.69	33.29	35.92	37.63	38.36	38.22	37.91	36.16	34.72	33.33	32.18
16	20.33	24.88	29.05	32.60	35.32	37.10	37.96	37.99	37.36	36.30	35.02	33.77	32.72
17	19.97	24.45	28.60	32.17	34.97	36.88	37.91	38.19	37.72	36.85	35.75	34.42	33.69
18	19.81	24.27	28.45	32.10	35.02	37.09	38.32	38.75	38.53	37.84	36.88	35.83	34.87
19	19.88	24.39	28.65	32.42	35.49	37.75	39.16	39.78	39.73	39.18	38.30	37.28	36.34
20	20.15	24.74	29.13	33.06	36.30	38.73	40.32	41.09	41.16	40.71	39.90	38.88	37.85
21	20.59	25.25	29.79	33.88	37.31	39.92	41.66	42.56	42.72	42.29	41.99	40.39	39.15
22	20.98	25.76	30.46	34.71	38.28	41.00	42.82	43.76	43.93	43.47	42.55	41.39	40.02
23	21.11	25.98	30.79	35.14	38.78	41.56	43.39	44.31	44.42	43.89	42.89	41.60	40.20
24	20.81	25.69	30.52	34.88	38.51	41.29	43.00	43.84	43.87	43.25	42.19	40.86	39.49
25	19.95	24.74	29.47	33.72	37.21	39.80	41.41	42.10	42.01	41.31	40.23	38.95	37.73
26	18.46	23.09	27.53	31.53	34.77	37.10	38.48	38.98	38.74	37.99	36.99	35.85	34.88

TABLE 3.67 LOCAL ELEVATION TABLE 63

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	54.62	64.75	75.55	80.79	79.48	79.58	79.65	79.65	79.56	79.90	79.19	78.93	78.64
2	44.04	54.39	67.79	82.67	81.36	80.05	80.16	80.14	79.99	79.75	79.41	79.02	77.37
3	36.44	46.99	59.63	75.66	84.55	80.72	80.57	80.52	80.32	79.99	79.56	78.25	65.61
4	31.88	42.58	55.33	71.58	89.29	85.04	80.80	80.70	80.44	80.05	79.56	72.86	56.90
5	30.41	41.18	53.97	72.48	92.45	86.61	80.76	80.60	80.28	79.87	79.38	70.22	53.78
6	32.06	42.80	55.53	71.67	89.26	84.84	80.41	80.16	79.81	79.41	79.01	72.50	56.81
7	36.82	47.44	60.01	75.84	84.40	80.25	79.74	79.39	79.04	78.73	78.45	77.53	65.49
8	44.69	55.09	68.25	82.90	81.06	79.22	78.78	78.37	78.04	77.87	77.89	78.02	77.26
9	55.08	65.16	76.23	80.90	78.90	78.26	77.67	77.20	76.92	76.93	77.27	77.95	78.91
10	64.79	76.44	79.94	79.03	78.12	77.27	76.53	76.01	75.82	76.07	76.79	77.97	79.55
11	65.89	66.78	68.60	76.84	77.36	76.36	75.50	74.99	74.95	75.47	76.60	78.30	80.50
12	42.10	49.26	52.72	63.67	74.42	75.65	74.77	74.34	74.50	75.33	76.86	79.07	81.84
13	20.91	28.12	39.63	52.39	65.95	75.05	74.50	74.24	74.64	75.80	77.72	80.36	83.62
14	4.74	16.98	30.59	44.93	59.75	73.35	74.82	74.85	75.57	77.09	79.30	82.27	85.84
15	.00	12.57	27.07	42.25	57.83	73.81	75.79	76.22	77.31	79.10	81.62	84.79	88.50
16	2.75	15.42	29.65	44.76	60.47	75.02	77.44	78.37	79.85	81.95	84.69	87.88	91.54
17	17.10	25.18	37.90	52.17	67.47	78.39	79.73	81.21	83.12	85.47	88.26	91.41	94.86
18	33.54	40.29	50.49	63.62	76.77	80.78	82.56	84.62	86.93	89.50	92.28	95.29	98.32
19	50.93	57.08	66.30	77.06	80.81	83.30	85.79	88.39	91.07	93.79	96.52	99.21	101.80
20	69.17	73.64	77.28	80.10	83.06	86.11	89.22	92.36	95.39	98.22	100.79	103.09	105.10
21	73.30	75.66	78.65	81.90	85.43	89.07	92.77	96.31	99.54	102.36	104.72	106.60	108.02
22	74.34	77.09	80.33	84.09	88.01	92.11	96.18	99.94	103.25	105.98	108.08	109.54	110.41
23	76.21	79.10	82.61	86.55	90.75	95.08	99.27	103.07	106.32	108.89	110.70	111.77	112.16
24	79.04	81.95	85.46	89.39	93.56	97.86	101.94	105.59	108.64	110.96	112.48	113.21	113.29
25	82.75	85.50	88.80	92.50	96.39	100.37	104.13	107.45	110.17	112.18	113.41	113.88	113.66
26	87.20	89.61	92.50	95.73	99.13	102.58	105.82	108.67	110.97	112.62	113.57	113.84	113.50

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	78.34	78.03	77.77	77.50	77.32	77.18	77.08	77.05	77.05	77.09	77.15	77.23	77.30
2	68.73	62.21	59.66	61.37	67.09	74.95	75.96	75.94	75.92	75.97	76.10	76.28	76.51
3	52.58	44.03	40.69	42.94	50.55	62.67	74.24	75.11	75.05	75.11	75.28	75.55	75.92
4	41.78	28.29	23.64	27.20	39.65	53.79	68.88	74.76	74.67	74.72	74.91	75.25	75.71
5	38.09	24.50	17.81	23.60	36.31	51.15	66.81	75.18	75.07	75.09	75.27	75.60	76.08
6	42.01	28.87	24.46	28.44	41.13	55.45	70.65	76.57	76.96	76.99	76.56	76.81	77.19
7	53.14	45.19	42.50	45.35	53.76	66.28	77.78	79.09	78.95	78.89	78.88	78.96	79.12
8	69.71	64.28	62.80	65.50	72.04	80.64	82.11	82.59	82.55	82.42	82.24	82.05	81.87
9	60.08	81.37	82.68	83.98	85.06	85.89	86.78	87.06	87.09	86.88	86.49	85.97	85.34
10	81.48	83.57	85.52	87.64	89.35	90.71	91.67	92.19	92.30	92.02	91.40	90.49	89.35
11	83.11	85.90	88.70	91.34	93.65	95.54	96.89	97.67	97.87	97.51	96.69	95.33	93.65
12	85.05	88.47	91.89	95.19	98.10	100.48	102.21	103.22	103.51	103.09	102.00	100.31	98.10
13	87.30	91.20	95.17	98.95	102.29	105.04	107.06	108.27	108.69	108.18	106.92	104.92	102.29
14	89.82	94.02	98.31	102.36	105.95	108.92	111.11	112.44	112.88	112.40	111.09	108.86	105.95
15	92.58	96.86	101.19	105.26	108.89	111.88	114.11	115.49	115.96	115.49	114.12	111.88	108.89
16	95.50	99.61	103.71	107.56	110.98	113.81	115.95	117.27	117.74	117.32	116.02	113.88	110.98
17	98.48	102.19	105.82	109.20	112.21	114.71	116.61	117.80	118.25	117.90	116.75	114.83	112.21
18	101.45	104.54	107.50	110.23	112.65	114.68	116.22	117.22	117.61	117.36	116.93	114.85	112.65
19	104.28	106.61	108.77	110.72	112.95	114.90	116.03	116.78	117.10	116.95	116.29	114.11	112.95
20	106.85	108.35	109.66	110.79	111.77	112.61	113.29	113.77	114.02	113.97	113.59	112.86	111.77
21	109.04	109.75	110.22	110.56	110.83	111.08	111.35	111.58	111.74	111.79	111.67	111.35	110.83
22	110.78	110.77	110.52	110.17	109.86	109.65	109.55	109.56	109.65	109.77	109.88	109.92	109.86
23	112.00	111.43	110.62	109.75	108.99	108.39	108.00	107.82	107.85	108.04	108.32	108.66	108.99
24	112.70	111.74	110.55	109.36	108.29	107.44	106.85	106.55	106.53	106.75	107.16	107.69	108.29
25	112.90	111.75	110.39	109.05	107.84	106.86	106.18	105.82	105.77	106.00	106.96	107.09	107.84
26	112.67	111.50	110.15	108.84	107.64	106.67	105.99	105.61	105.55	105.77	106.22	106.87	107.64

TABLE 3.68 LOCAL ELEVATION TABLE 64

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	47.72	47.47	47.47	47.75	48.34	49.26	50.49	52.02	53.80	55.80	57.90	60.02	62.09
2	46.48	46.24	46.44	47.16	48.43	50.29	52.51	55.12	57.91	60.77	63.44	65.72	67.48
3	45.41	45.18	45.57	46.69	48.59	51.22	54.44	58.04	61.85	65.52	68.69	71.08	72.52
4	44.69	44.48	45.02	46.45	48.82	52.09	56.05	60.43	65.04	69.33	72.87	75.32	76.45
5	44.47	44.26	44.87	46.47	49.12	52.76	57.17	62.02	67.10	71.76	75.50	77.93	78.79
6	44.79	44.56	45.16	46.76	49.46	53.17	57.68	62.63	67.84	72.55	76.28	78.61	79.25
7	45.59	45.34	45.84	47.29	49.78	53.27	57.53	62.23	67.16	71.67	75.18	77.32	77.81
8	46.77	46.47	46.79	47.95	51.19	53.09	56.76	60.89	65.27	69.25	72.37	74.25	74.65
9	44.11	42.91	43.87	47.60	53.03	54.13	55.44	58.78	62.34	65.62	68.22	69.80	70.14
10	29.31	27.44	28.55	32.85	40.46	49.79	53.52	56.12	58.72	61.20	63.19	64.44	64.77
11	17.59	15.69	16.58	20.47	27.49	37.72	49.31	57.34	59.82	56.49	57.88	58.81	59.14
12	9.17	7.25	7.96	11.47	17.93	27.43	42.13	58.62	55.20	52.03	52.87	53.50	53.82
13	3.94	2.02	2.59	5.81	11.83	20.73	32.58	49.90	47.74	48.03	48.40	48.77	49.07
14	1.90	.00	.49	3.53	9.23	17.72	29.06	43.31	44.97	44.79	44.79	44.95	45.23
15	3.11	1.25	1.74	4.69	10.25	18.51	29.57	46.02	42.99	42.50	42.26	42.26	42.50
16	7.74	5.93	6.47	9.46	15.01	23.23	36.03	50.86	45.78	41.25	40.88	40.79	40.97
17	15.97	14.24	14.89	18.00	23.68	32.01	40.92	46.76	41.68	41.05	40.66	40.52	40.64
18	28.06	26.40	27.20	30.51	35.62	42.81	43.99	43.03	42.35	41.83	41.48	41.34	41.41
19	43.30	41.76	42.75	45.22	48.98	46.74	44.85	44.30	43.83	43.47	43.23	43.12	43.15
20	47.62	47.51	47.32	47.07	48.79	46.85	46.55	46.27	46.03	45.85	45.72	45.66	45.67
21	49.02	49.02	49.01	48.99	48.97	48.93	48.90	48.86	48.83	48.81	48.79	48.79	48.81
22	50.83	50.93	51.09	51.29	51.49	51.68	51.85	51.99	52.11	52.20	52.28	52.35	52.40
23	53.45	53.64	53.94	54.30	54.67	55.01	55.30	55.54	55.74	55.90	56.04	56.16	56.27
24	56.77	57.04	57.45	57.91	58.38	58.79	59.13	59.39	59.59	59.76	59.93	60.10	60.30
25	60.65	60.98	61.45	61.97	62.46	62.87	63.17	63.38	63.55	63.72	63.91	64.14	64.42
26	64.95	65.26	65.74	66.26	66.73	67.10	67.33	67.46	67.53	67.64	67.82	68.09	68.47

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	64.01	65.68	67.03	68.01	68.52	68.50	67.93	66.80	65.17	63.10	60.72	58.15	55.57
2	68.63	69.13	68.99	68.27	67.07	65.49	63.68	61.73	59.72	57.74	55.85	54.10	52.51
3	72.89	72.22	70.63	68.30	65.48	62.53	59.62	56.93	54.59	52.70	51.27	50.25	49.58
4	76.15	74.49	71.66	67.98	63.82	59.75	55.92	52.62	50.09	48.25	47.23	46.88	47.03
5	77.97	75.59	71.88	67.25	62.16	57.29	52.84	49.14	46.92	44.75	44.08	44.25	45.03
6	78.12	75.33	71.16	66.04	60.53	55.29	50.56	46.70	43.96	42.43	42.01	42.53	43.72
7	76.56	73.69	69.48	64.37	58.91	53.74	49.11	45.38	42.76	41.33	41.08	41.77	43.13
8	73.47	70.81	66.95	62.27	57.30	52.59	48.39	45.02	42.67	41.42	41.20	41.89	43.21
9	69.17	66.96	63.74	59.84	55.68	51.74	48.23	45.90	43.93	42.38	42.20	42.73	43.84
10	64.10	62.48	60.09	57.17	54.03	51.05	48.39	46.24	44.73	43.98	43.73	44.10	44.86
11	58.80	57.81	56.29	54.39	52.34	50.40	48.65	47.22	46.20	45.63	45.47	45.67	46.13
12	53.78	53.37	52.64	51.69	50.63	49.67	48.80	48.08	47.55	47.24	47.13	47.20	47.39
13	49.27	49.35	49.30	49.16	48.96	48.81	48.70	48.61	48.53	48.49	48.47	48.48	48.50
14	45.59	46.01	46.46	46.93	47.38	47.85	48.34	48.75	49.07	49.26	49.39	49.42	49.38
15	42.94	43.55	44.30	45.13	45.99	46.89	47.70	48.47	49.09	49.53	49.80	49.93	49.93
16	41.41	42.08	42.92	43.89	44.93	45.97	46.96	47.89	48.69	49.32	49.75	50.02	50.15
17	41.02	41.61	42.40	43.32	44.33	45.36	46.37	47.30	48.12	48.82	49.39	49.81	50.08
18	41.69	42.19	42.76	43.51	44.39	45.21	46.09	46.93	47.69	48.37	48.94	49.41	49.81
19	43.31	43.60	44.01	44.51	45.08	45.69	46.33	46.96	47.56	48.12	48.61	49.09	49.50
20	45.75	45.89	46.09	46.33	46.62	46.94	47.28	47.61	47.94	48.25	48.59	48.79	49.00
21	48.84	48.88	48.92	48.97	49.01	49.03	49.04	49.03	48.99	48.93	48.86	48.77	48.68
22	52.43	52.44	52.41	52.33	52.19	51.96	51.65	51.25	50.78	50.25	49.68	49.10	48.54
23	56.37	56.42	56.41	56.30	56.05	55.64	55.05	54.26	53.31	52.22	51.05	49.85	48.69
24	60.50	60.67	60.76	60.70	60.44	59.91	59.08	57.93	56.49	54.81	52.97	51.07	49.21
25	64.73	65.05	65.29	65.34	65.13	64.55	63.53	62.07	60.17	57.91	56.39	52.77	50.20
26	68.92	69.43	69.87	70.10	69.97	69.37	68.21	66.45	64.14	61.36	58.29	54.95	51.71

TABLE 3.69 LOCAL ELEVATION TABLE 65

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	42.16	43.86	46.05	48.69	51.68	54.85	58.12	61.20	63.91	66.09	67.67	68.62	68.97
2	38.14	39.53	41.67	44.52	47.93	51.71	55.68	59.52	62.93	65.70	67.71	68.91	69.37
3	33.83	35.02	37.16	40.23	44.05	48.36	52.93	57.43	61.43	64.69	67.06	68.47	69.01
4	29.28	30.39	32.61	35.91	40.08	44.84	49.90	54.90	59.35	62.98	65.60	67.17	67.77
5	24.61	25.76	28.12	31.64	36.11	41.19	46.61	51.99	56.68	60.53	63.29	64.94	65.56
6	19.94	21.29	23.79	27.52	32.20	37.49	43.11	48.60	53.46	57.37	60.15	61.79	62.39
7	15.45	16.97	19.72	23.62	28.44	33.81	39.48	44.95	49.75	53.57	56.25	57.79	58.31
8	11.31	13.08	16.03	20.05	24.89	30.26	35.81	41.09	45.66	49.25	51.71	53.05	53.43
9	7.68	9.70	12.80	16.85	21.63	26.89	32.19	37.10	41.32	44.54	46.66	47.71	47.88
10	4.68	6.90	10.08	14.10	18.73	23.74	28.65	33.12	36.82	39.57	41.26	41.94	41.83
11	2.42	4.75	7.93	11.80	16.22	20.83	25.27	29.20	32.34	34.51	35.67	35.92	35.47
12	.91	3.26	6.33	9.99	14.06	18.20	22.08	25.42	27.95	29.54	30.15	29.93	29.11
13	.13	2.39	5.25	8.60	12.23	15.83	19.12	21.82	23.73	24.71	24.80	24.12	22.95
14	.00	2.07	4.62	7.57	10.69	13.71	16.38	18.45	19.75	20.17	19.75	18.67	17.19
15	.38	2.17	4.34	6.82	9.39	11.82	13.88	15.35	16.08	16.00	15.18	13.77	12.07
16	1.14	2.58	4.32	6.27	8.28	10.12	11.59	12.52	12.77	12.31	11.19	9.61	7.82
17	2.09	3.16	4.44	5.85	7.29	8.57	9.51	9.97	9.86	9.15	7.91	6.31	4.60
18	3.11	3.78	4.59	5.48	6.37	7.13	7.61	7.72	7.38	6.58	5.39	3.97	2.54
19	4.05	4.34	4.70	5.10	5.49	5.79	5.90	5.76	5.33	4.61	3.66	2.63	1.67
20	4.82	4.77	4.72	4.68	4.62	4.54	4.38	4.11	3.72	3.23	2.71	2.23	1.93
21	5.40	5.09	4.63	4.20	3.78	3.40	3.05	2.75	2.53	2.41	2.44	2.67	3.14
22	5.75	5.14	4.43	3.69	3.00	2.40	1.95	1.71	1.74	2.08	2.75	3.76	5.11
23	5.86	5.08	4.16	3.21	2.32	1.60	1.14	1.05	1.41	2.25	3.59	5.39	7.59
24	5.79	4.91	3.88	2.80	1.79	1.03	.63	.72	1.41	2.74	4.70	7.23	10.20
25	5.59	4.69	3.65	2.52	1.47	.73	.41	.69	1.66	3.38	5.85	8.95	12.53
26	5.31	4.50	3.50	2.41	1.39	.71	.50	.92	2.09	4.08	6.86	10.32	14.28

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	68.82	68.27	67.47	66.52	65.59	64.72	63.96	63.36	62.99	62.69	62.62	62.74	62.98
2	69.19	68.53	67.56	66.46	65.43	64.50	63.75	63.23	62.99	62.87	63.00	63.30	63.76
3	68.82	68.08	67.01	65.85	64.79	63.90	63.26	62.91	62.89	63.05	63.46	64.04	64.75
4	67.57	66.79	65.69	64.56	63.56	62.81	62.37	62.30	62.57	63.12	63.91	64.84	65.85
5	65.35	64.57	63.50	62.49	61.65	61.13	61.01	61.31	61.99	63.00	64.23	65.58	66.99
6	62.17	61.41	60.43	59.59	59.00	58.80	59.08	59.89	61.03	62.55	64.28	66.12	67.99
7	58.05	57.32	56.51	55.88	55.58	55.78	56.53	57.83	59.58	61.67	63.99	66.31	68.55
8	53.10	52.39	51.75	51.36	51.41	52.05	53.33	55.21	57.57	60.26	63.12	66.00	68.65
9	47.44	46.76	46.26	46.11	46.52	47.63	49.46	51.95	54.95	58.25	61.71	65.08	68.10
10	41.22	40.56	40.15	40.23	41.00	42.58	44.97	48.07	51.69	55.60	59.65	63.96	66.79
11	34.64	33.97	33.62	33.90	35.00	37.02	39.95	43.69	47.86	52.36	56.92	61.11	64.69
12	28.02	27.23	26.91	27.34	28.74	31.17	34.59	38.81	43.57	48.60	53.59	58.08	61.82
13	21.63	20.62	20.31	20.87	22.52	25.30	29.13	33.81	39.00	44.48	49.78	54.98	58.28
14	15.67	14.49	14.15	14.83	16.68	19.73	23.89	28.90	34.49	40.25	45.70	50.48	54.24
15	10.43	9.22	8.82	9.58	11.58	14.83	19.19	24.52	30.34	36.20	41.66	46.32	49.91
16	6.17	5.02	4.72	5.54	7.63	11.02	15.55	20.92	26.72	32.51	37.83	42.31	45.64
17	3.18	2.14	2.02	2.99	5.19	8.60	13.07	18.29	23.89	29.41	34.43	38.57	41.59
18	1.37	.73	.89	2.06	4.33	7.68	11.95	16.85	22.09	27.09	31.63	35.32	37.99
19	1.00	.85	1.40	2.80	5.13	8.34	12.28	16.70	21.28	25.69	29.60	32.71	34.87
20	1.93	2.39	3.42	5.12	7.49	10.50	14.00	17.79	21.63	25.25	28.39	30.85	32.51
21	3.96	5.13	6.72	8.73	11.16	13.92	16.91	19.99	22.98	25.70	28.01	29.78	30.93
22	6.77	8.71	10.89	13.24	15.71	18.22	20.68	23.01	25.12	26.93	28.39	29.46	30.12
23	10.08	12.75	15.51	18.22	20.79	22.99	24.91	26.50	27.78	28.73	29.39	29.81	30.03
24	13.46	16.85	20.18	23.21	25.79	27.84	29.31	30.24	30.71	30.85	30.84	30.71	30.57
25	16.38	20.37	24.13	27.43	30.08	32.00	33.16	33.69	33.58	33.14	32.54	32.01	31.59
26	18.50	22.84	26.88	30.37	33.10	34.99	36.02	36.29	35.96	35.24	34.38	33.61	33.02

TABLE 3.70 LOCAL ELEVATION TABLE 66

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	9.45	9.45	9.45	9.45	9.52	9.59	9.67	9.74	9.81	9.87	9.91	9.95	9.97
2	8.68	8.53	8.31	8.09	7.83	7.53	7.21	6.88	6.55	6.25	5.98	5.77	5.62
3	7.77	7.56	7.26	6.87	6.40	5.88	5.31	4.73	4.16	3.62	3.14	2.75	2.48
4	6.96	6.72	6.37	5.92	5.38	4.77	4.11	3.42	2.73	2.07	1.48	1.00	.66
5	6.38	6.15	5.83	5.40	4.89	4.31	3.67	2.99	2.31	1.64	1.04	.54	.18
6	6.22	6.04	5.78	5.44	5.03	4.55	4.02	3.46	2.87	2.30	1.77	1.32	.99
7	6.67	6.55	6.38	6.16	5.88	5.55	5.19	4.79	4.37	3.96	3.57	3.23	2.97
8	7.87	7.81	7.72	7.61	7.47	7.31	7.12	6.92	6.70	6.48	6.28	6.10	5.96
9	9.88	9.87	9.85	9.83	9.80	9.78	9.76	9.74	9.73	9.73	9.73	9.74	9.75
10	12.70	12.71	12.72	12.75	12.80	12.88	12.98	13.12	13.30	13.51	13.73	13.94	14.12
11	16.22	16.23	16.24	16.28	16.35	16.47	16.65	16.91	17.24	17.63	18.06	18.48	18.84
12	20.27	20.24	20.22	20.22	20.27	20.38	20.61	20.96	21.42	21.97	22.57	23.19	23.73
13	24.60	24.53	24.46	24.42	24.43	24.53	24.76	25.13	25.66	26.32	27.06	27.85	28.55
14	29.08	28.95	28.80	28.67	28.59	28.62	28.79	29.15	29.70	30.43	31.27	32.19	33.02
15	33.29	33.10	32.86	32.64	32.47	32.41	32.52	32.83	33.38	34.13	35.03	36.02	36.94
16	36.97	36.73	36.43	36.12	35.87	35.73	35.77	36.03	36.53	37.28	38.18	39.19	40.14
17	39.91	39.65	39.31	38.95	38.64	38.44	38.41	38.61	39.06	39.75	40.62	41.58	42.52
18	42.02	41.75	41.39	41.01	40.68	40.45	40.38	40.52	40.90	41.50	42.28	43.16	44.02
19	43.25	43.00	42.67	42.31	41.99	41.75	41.66	41.75	42.09	42.55	43.20	43.94	44.68
20	43.69	43.48	43.20	42.89	42.61	42.40	42.30	42.35	42.56	42.94	43.44	44.01	44.58
21	43.47	43.30	43.09	42.86	42.66	42.49	42.41	42.42	42.55	42.79	43.11	43.49	43.86
22	42.75	42.65	42.53	42.39	42.26	42.16	42.10	42.09	42.13	42.23	42.37	42.54	42.72
23	41.74	41.71	41.67	41.63	41.59	41.55	41.51	41.48	41.45	41.42	41.38	41.36	41.34
24	40.66	40.68	40.71	40.75	40.79	40.82	40.82	40.78	40.68	40.53	40.34	40.14	39.96
25	39.66	39.74	39.84	39.95	40.06	40.14	40.17	40.11	39.96	39.72	39.40	39.05	38.72
26	38.83	38.94	39.09	39.26	39.42	39.54	39.59	39.52	39.33	39.02	38.60	38.15	37.73

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	9.97	9.96	9.94	9.91	9.87	9.82	9.77	9.72	9.66	9.61	9.57	9.52	9.49
2	5.55	5.58	5.70	5.93	6.25	6.66	7.13	7.64	8.17	8.67	9.12	9.50	9.77
3	2.35	2.39	2.62	3.02	3.61	4.36	5.23	6.17	7.13	8.06	8.89	9.57	10.09
4	.49	.54	.81	1.32	2.07	3.02	4.13	5.34	6.58	7.77	8.83	9.71	10.40
5	.00	.04	.32	.85	1.64	2.66	3.85	5.15	6.48	7.76	8.90	9.87	10.60
6	.82	.84	1.09	1.58	2.30	3.24	4.39	5.55	6.80	7.99	9.05	9.98	10.65
7	2.84	2.85	3.03	3.40	3.96	4.68	5.54	6.48	7.45	8.38	9.23	9.96	10.48
8	5.88	5.89	5.98	6.18	6.48	6.88	7.34	7.86	8.38	8.89	9.37	9.79	10.08
9	9.76	9.76	9.76	9.75	9.73	9.69	9.64	9.59	9.53	9.48	9.45	9.45	9.45
10	14.23	14.25	14.15	13.90	13.51	12.97	12.33	11.61	10.86	10.14	9.55	9.08	8.74
11	19.07	19.11	18.90	18.42	17.63	16.57	15.28	13.84	12.34	10.91	9.68	8.68	7.97
12	24.08	24.15	23.85	23.12	21.94	20.33	18.39	16.22	13.97	11.81	9.91	8.37	7.27
13	29.01	29.12	28.74	27.80	26.27	24.16	21.58	18.72	15.75	12.89	10.36	8.29	6.80
14	33.58	33.72	33.29	32.19	30.36	27.85	24.75	21.28	17.71	14.24	11.19	8.58	6.70
15	37.57	37.74	37.28	36.07	34.05	31.25	27.79	23.87	19.84	15.90	12.39	9.36	7.11
16	40.81	41.00	40.54	39.29	37.18	34.29	30.60	26.96	22.15	17.92	14.03	10.72	8.15
17	43.18	43.38	42.94	41.72	39.65	36.75	33.13	28.98	24.62	20.30	16.29	12.72	9.87
18	44.64	44.83	44.44	43.32	41.41	38.71	35.32	31.40	27.21	23.02	18.99	15.35	12.28
19	45.21	45.39	45.05	44.10	42.46	40.12	37.15	33.68	29.87	26.00	22.18	18.58	15.37
20	45.00	45.14	44.89	44.15	42.87	41.02	38.63	35.77	32.56	29.15	25.69	22.27	19.01
21	44.15	44.25	44.09	43.61	42.74	41.46	39.75	37.65	35.18	32.40	29.39	26.25	23.09
22	42.86	42.91	42.85	42.63	42.21	41.53	40.57	39.26	37.63	35.60	33.18	30.39	27.30
23	41.34	41.35	41.37	41.41	41.42	41.34	41.12	40.64	39.63	38.58	36.82	34.51	31.66
24	39.84	39.82	39.93	40.18	40.55	40.99	41.44	41.72	41.70	41.21	40.13	38.35	35.85
25	38.60	38.44	38.61	39.06	39.75	40.62	41.58	42.52	43.18	43.38	42.99	41.72	39.65
26	37.43	37.35	37.57	38.15	39.07	40.25	41.59	43.01	44.22	45.00	45.13	44.45	42.88

TABLE 3.71 LOCAL ELEVATION TABLE 67

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	40.82	40.94	41.41	42.27	43.54	45.15	47.01	48.99	50.97	52.77	54.26	55.38	56.10
2	35.66	36.16	37.12	38.56	40.48	42.77	45.31	47.98	50.60	52.94	54.89	56.36	57.33
3	30.55	31.38	32.77	34.75	37.26	40.18	43.37	46.68	49.88	52.73	55.08	56.85	58.02
4	25.86	26.89	28.62	31.03	34.03	37.49	41.21	45.07	48.74	52.00	54.66	56.64	57.90
5	21.88	22.96	24.89	27.58	30.92	34.76	38.88	43.13	47.15	50.66	53.50	55.55	56.80
6	18.78	19.82	21.77	24.57	28.08	32.12	36.49	40.91	45.08	48.69	51.53	53.51	54.62
7	16.69	17.56	19.39	22.11	25.59	29.62	33.97	38.43	42.57	46.08	48.78	50.53	51.37
8	15.63	16.23	17.81	20.28	23.54	27.37	31.56	35.78	39.69	42.94	45.32	46.73	47.20
9	15.53	15.83	17.02	19.10	21.96	25.43	29.26	33.06	36.56	39.39	41.33	42.30	42.34
10	16.27	16.22	16.96	18.55	20.89	23.84	27.14	30.41	33.32	35.60	37.03	37.51	37.13
11	17.65	17.24	17.52	18.57	20.31	22.63	25.28	27.89	30.17	31.84	32.73	32.78	32.09
12	19.37	18.69	18.57	19.08	20.18	21.81	23.72	25.60	27.18	28.23	28.62	28.30	27.39
13	21.19	20.38	19.95	19.98	20.46	21.37	22.50	23.60	24.48	24.94	24.88	24.31	23.32
14	22.86	22.09	21.49	21.13	21.05	21.28	21.63	21.98	22.16	22.09	21.70	21.01	20.13
15	24.26	23.65	23.01	22.41	21.87	21.47	21.11	20.74	20.31	19.80	19.19	18.55	17.97
16	25.16	24.97	24.46	23.72	22.82	21.86	20.88	19.90	18.97	18.13	17.46	17.01	16.89
17	25.42	25.78	25.58	24.87	23.75	22.35	20.88	19.43	18.13	17.12	16.51	16.40	16.85
18	24.97	25.97	26.19	25.66	24.49	22.86	21.03	19.28	17.79	16.76	16.35	16.66	17.75
19	23.79	25.95	26.15	25.92	24.86	23.21	21.26	19.47	17.99	17.11	17.01	17.82	19.56
20	21.86	24.14	25.37	25.53	24.75	23.28	21.46	19.83	18.55	17.95	18.25	19.56	21.89
21	19.24	22.04	23.76	24.40	24.05	22.97	21.52	20.26	19.38	19.19	19.92	21.69	24.47
22	16.00	19.16	21.34	22.48	22.69	22.20	21.34	20.66	20.34	20.66	21.85	24.01	27.07
23	12.27	15.62	18.16	19.81	20.67	20.93	20.85	20.92	21.29	22.20	23.84	26.27	29.44
24	8.21	11.57	14.35	16.50	18.05	19.14	19.98	20.91	22.06	23.60	25.65	28.25	31.34
25	4.03	7.20	10.12	12.69	14.92	16.89	18.69	20.53	22.48	24.63	27.05	29.72	32.59
26	.00	2.86	5.74	8.60	11.44	14.22	16.95	19.66	22.37	25.09	27.81	30.51	33.11

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	56.46	56.54	56.41	56.19	55.99	55.82	55.70	55.62	55.54	55.37	54.99	54.34	53.35
2	57.84	57.96	57.81	57.49	57.14	56.81	56.53	56.28	56.05	55.74	55.25	54.51	53.46
3	58.61	58.74	58.52	58.09	57.58	57.12	56.70	56.32	55.99	55.62	55.12	54.39	57.49
4	58.51	58.57	58.24	57.67	57.04	56.46	55.97	55.56	55.22	54.92	54.52	53.94	53.11
5	57.32	57.25	56.75	56.03	55.30	54.67	54.18	53.86	53.67	53.55	53.42	53.13	52.61
6	54.94	54.65	53.95	53.08	52.30	51.68	51.30	51.19	51.30	51.53	51.83	52.00	51.91
7	51.90	50.83	49.89	48.92	48.11	47.58	47.43	47.66	48.22	48.98	49.84	50.59	55.14
8	46.87	45.98	44.81	43.78	43.00	42.66	42.83	43.53	44.67	46.07	47.62	49.06	50.17
9	41.64	40.44	39.14	38.07	37.39	37.31	37.91	39.16	40.95	43.15	45.48	47.63	49.35
10	36.12	34.74	33.33	32.27	31.79	32.05	33.13	35.00	37.58	40.55	43.59	46.39	48.70
11	30.86	29.39	28.00	27.05	26.82	27.49	29.19	31.68	34.90	38.52	42.18	45.54	48.31
12	26.08	24.67	23.49	22.85	23.02	24.18	26.35	29.99	33.20	37.33	41.45	45.21	48.29
13	22.12	20.97	20.17	20.00	20.68	22.36	25.03	28.58	32.74	37.19	41.57	45.50	48.70
14	19.24	18.55	18.32	18.77	20.05	22.27	25.39	29.26	33.63	38.19	42.57	46.44	49.52
15	17.58	17.55	18.04	19.23	21.18	23.93	27.91	31.96	35.83	40.25	44.38	47.94	50.69
16	17.17	17.95	19.30	21.28	23.91	27.19	30.87	34.93	39.11	43.15	46.81	49.84	52.06
17	17.91	19.57	21.82	24.61	27.88	31.50	35.36	39.27	43.06	46.55	49.57	51.95	53.55
18	19.61	22.15	25.25	28.78	32.58	36.48	40.39	44.06	47.39	50.21	52.43	53.98	54.82
19	22.17	25.48	29.31	33.42	37.68	41.78	45.53	48.77	51.42	53.42	54.77	55.47	55.58
20	25.11	29.02	33.36	37.92	42.38	46.42	49.84	52.54	54.47	55.65	56.17	56.11	55.58
21	28.12	32.38	36.97	41.69	46.06	49.81	52.77	54.84	56.05	56.48	56.28	55.61	54.64
22	30.89	35.21	39.78	44.27	48.28	51.53	53.89	55.30	55.84	55.63	54.89	53.83	52.68
23	33.18	37.24	41.47	45.43	48.80	51.38	53.04	53.78	53.72	53.04	51.97	50.79	49.73
24	34.77	38.38	41.93	45.08	47.62	49.37	50.29	50.40	49.85	48.86	47.69	46.65	45.86
25	35.67	38.50	41.16	43.35	44.92	45.79	45.95	45.49	44.58	43.44	42.43	41.69	41.28
26	35.52	37.62	39.30	40.46	41.05	41.05	40.52	39.59	38.44	37.39	36.56	36.15	36.31

TABLE 3.72 LOCAL ELEVATION TABLE 48

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	6.89	7.98	9.10	10.10	10.84	11.21	11.15	10.62	9.70	8.53	7.31	6.30	5.77
2	7.52	8.11	8.61	8.93	9.00	8.77	8.22	7.36	6.29	5.12	4.06	3.30	3.07
3	8.12	8.29	8.32	8.11	7.67	6.98	6.06	4.98	3.82	2.70	1.79	1.25	1.26
4	8.57	8.49	8.17	7.62	6.83	5.85	4.72	3.53	2.35	1.31	.54	.18	.35
5	8.83	8.63	8.12	7.40	6.45	5.34	4.15	2.94	1.82	.88	.24	.00	.26
6	8.89	8.67	8.13	7.37	6.42	5.34	4.20	3.08	2.07	1.26	.73	.57	.84
7	8.73	8.57	8.13	7.44	6.61	5.68	4.70	3.75	2.90	2.23	1.80	1.70	1.98
8	8.37	8.33	8.04	7.56	6.92	6.19	5.45	4.73	4.10	3.60	3.29	3.21	3.40
9	7.84	7.92	7.83	7.58	7.22	6.79	6.32	5.87	5.46	5.12	4.90	4.82	4.92
10	7.18	7.37	7.46	7.46	7.38	7.25	7.08	6.89	6.71	6.54	6.41	6.34	6.35
11	6.46	6.72	6.97	7.18	7.36	7.50	7.61	7.69	7.73	7.73	7.69	7.63	7.56
12	5.80	6.09	6.41	6.78	7.15	7.52	7.87	8.17	8.41	8.58	8.66	8.63	8.51
13	5.25	5.55	5.92	6.34	6.83	7.34	7.86	8.34	8.75	9.05	9.23	9.24	9.12
14	4.92	5.19	5.56	6.00	6.50	7.05	7.65	8.23	8.76	9.17	9.45	9.53	9.40
15	4.90	5.12	5.43	5.82	6.27	6.79	7.35	7.95	8.52	9.00	9.34	9.48	9.38
16	5.27	5.43	5.64	5.90	6.23	6.62	7.08	7.58	8.12	8.61	8.98	9.17	9.13
17	6.05	6.15	6.23	6.32	6.44	6.62	6.89	7.23	7.69	8.07	8.45	8.68	8.70
18	7.23	7.28	7.22	7.08	6.94	6.84	6.83	6.95	7.19	7.48	7.81	8.07	8.16
19	8.70	8.73	8.53	8.15	7.69	7.26	6.93	6.79	6.79	6.93	7.16	7.41	7.57
20	10.33	10.36	10.01	9.39	8.63	7.86	7.21	6.75	6.49	6.44	6.55	6.78	7.01
21	11.94	12.03	11.59	10.75	9.67	8.57	7.59	6.81	6.29	6.04	6.04	6.21	6.49
22	13.16	13.37	12.91	11.93	10.62	9.25	7.99	6.93	6.17	5.74	5.62	5.74	6.04
23	13.70	14.08	13.68	12.68	11.27	9.73	8.29	7.05	6.12	5.55	5.32	5.40	5.69
24	13.29	13.90	13.68	12.79	11.44	9.89	8.43	7.13	6.12	5.46	5.17	5.19	5.48
25	11.74	12.65	12.72	12.10	11.01	9.65	8.31	7.11	6.14	5.48	5.16	5.14	5.39
26	8.99	10.24	10.72	10.55	9.90	8.96	7.92	6.98	6.18	5.61	5.30	5.25	5.43

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	6.05	7.27	9.99	12.67	16.69	21.32	26.33	31.24	35.71	39.91	42.16	43.85	44.53
2	3.57	5.01	7.34	10.52	14.39	18.81	23.42	27.86	31.79	34.93	37.10	38.26	38.51
3	1.96	3.50	5.85	8.92	12.58	16.65	20.79	24.67	28.01	30.54	32.12	32.74	32.52
4	1.16	2.72	4.98	7.84	11.19	14.82	18.42	21.71	24.41	26.31	27.30	27.38	26.71
5	1.10	2.59	4.66	7.21	10.16	13.28	16.30	18.97	21.09	22.34	22.76	22.34	21.26
6	1.66	2.97	4.76	6.93	9.41	11.98	14.41	16.47	17.99	18.67	18.59	17.77	16.36
7	2.65	3.72	5.17	6.91	8.86	10.87	12.71	14.18	15.11	15.36	14.90	13.78	12.20
8	3.89	4.68	5.75	7.03	8.43	9.88	11.15	12.10	12.56	12.45	11.79	10.50	8.90
9	5.21	5.70	6.37	7.18	8.06	8.96	9.72	10.20	10.31	9.97	9.17	7.98	6.56
10	6.44	6.64	6.93	7.29	7.69	8.08	8.38	8.49	8.35	7.92	7.20	6.25	5.21
11	7.48	7.41	7.36	7.31	7.27	7.21	7.13	6.97	6.70	6.31	5.82	5.30	4.82
12	8.29	7.99	7.63	7.22	6.79	6.37	5.99	5.64	5.34	5.12	5.00	5.03	5.26
13	8.81	8.34	7.73	7.02	6.28	5.59	4.99	4.54	4.30	4.33	4.67	5.34	6.35
14	9.04	8.45	7.67	6.75	5.80	4.91	4.19	3.73	3.64	4.00	4.84	6.18	7.98
15	9.02	8.38	7.50	6.47	5.39	4.38	3.62	3.22	3.31	4.00	5.33	7.29	9.82
16	8.80	8.18	7.28	6.24	5.11	4.06	3.32	3.00	3.28	4.25	5.97	8.44	11.54
17	8.45	7.90	7.09	6.09	5.00	3.98	3.30	3.09	3.51	4.68	6.67	9.45	12.91
18	8.01	7.60	6.93	6.05	5.08	4.17	3.59	3.47	3.98	5.24	7.31	10.18	13.73
19	7.56	7.32	6.83	6.15	5.35	4.60	4.15	4.10	4.63	5.85	7.83	10.55	13.92
20	7.13	7.07	6.81	6.36	5.79	5.29	4.92	4.92	5.40	6.46	8.16	10.52	13.45
21	6.74	6.87	6.84	6.65	6.34	6.01	5.82	5.84	6.21	7.00	8.30	10.11	12.42
22	6.40	6.71	6.91	6.99	6.94	6.82	6.74	6.77	6.98	7.45	8.25	9.41	10.95
23	6.13	6.58	6.99	7.31	7.50	7.58	7.59	7.58	7.62	7.75	8.03	8.50	9.24
24	5.93	6.47	7.04	7.54	7.92	8.17	8.28	8.26	8.13	7.91	7.68	7.52	7.50
25	5.83	6.39	7.01	7.62	8.13	8.50	8.69	8.66	8.42	7.95	7.30	6.61	5.99
26	5.80	6.31	6.90	7.52	8.08	8.52	8.75	8.74	8.43	7.80	6.89	5.88	4.82

TABLE 3.73 LOCAL ELEVATION TABLE 69

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	29.89	31.11	32.53	34.00	35.36	36.45	37.14	37.39	37.18	36.64	35.91	35.24	34.85
2	30.39	31.22	32.13	32.96	33.62	34.01	34.06	33.76	33.14	32.32	31.48	30.81	30.53
3	31.11	31.67	32.10	32.34	32.34	32.08	31.53	30.75	29.79	28.77	27.86	27.23	27.06
4	32.10	32.42	32.43	32.13	31.54	30.70	29.66	28.48	27.26	26.13	25.22	24.67	24.61
5	33.23	33.33	33.01	32.27	31.21	29.90	28.46	27.00	25.63	24.47	23.62	23.18	23.22
6	34.37	34.35	33.74	32.67	31.25	29.62	27.92	26.29	24.88	23.77	23.04	22.72	22.85
7	35.25	35.24	34.51	33.20	31.56	29.75	27.94	26.28	24.92	23.94	23.36	23.19	23.39
8	35.65	35.75	35.05	33.73	32.01	30.18	28.40	26.84	25.63	24.82	24.43	24.39	24.65
9	35.38	35.69	35.18	34.03	32.47	30.78	29.22	27.88	26.88	26.27	26.04	26.14	26.42
10	34.27	34.90	34.73	33.93	32.73	31.39	30.17	29.16	28.46	28.10	28.04	28.19	28.48
11	32.24	33.29	33.60	33.33	32.66	31.83	31.09	30.49	30.14	30.04	30.15	30.38	30.67
12	29.32	30.87	31.78	32.17	32.19	32.01	31.83	31.72	31.74	31.89	32.14	32.45	32.70
13	25.66	27.75	29.35	30.50	31.31	31.89	32.32	32.71	33.09	33.48	33.86	34.16	34.34
14	21.98	24.12	26.43	28.41	30.06	31.43	32.54	33.45	34.17	34.73	35.12	35.36	35.43
15	17.19	20.27	23.26	26.03	28.51	30.65	32.41	33.79	34.79	35.44	35.79	35.90	35.84
16	13.03	16.59	20.15	23.58	26.77	29.60	31.92	33.69	34.87	35.54	35.77	35.70	35.49
17	9.34	13.22	17.24	21.23	24.96	28.32	31.07	33.09	34.36	34.95	34.99	34.69	34.35
18	6.32	10.37	14.70	19.06	23.17	26.86	29.86	31.98	33.21	33.63	33.43	32.86	32.38
19	4.13	8.20	12.64	17.15	21.43	25.25	28.29	30.36	31.42	31.59	31.09	30.24	29.59
20	2.80	6.72	11.07	15.52	19.72	23.46	26.35	28.20	28.99	28.84	28.02	26.92	26.08
21	2.31	5.87	9.92	14.09	18.05	21.48	24.03	25.53	25.96	25.46	24.32	23.00	21.98
22	2.45	5.56	9.06	12.78	16.29	19.21	21.28	22.34	22.37	21.53	20.11	18.63	17.50
23	2.87	5.44	8.34	11.92	14.29	16.59	18.10	18.67	18.31	17.18	15.56	14.01	12.83
24	3.20	5.18	7.90	9.77	11.91	13.53	14.45	14.55	13.85	12.52	10.89	9.34	8.22
25	3.09	4.46	6.01	7.63	9.02	9.97	10.33	10.03	9.11	7.72	6.19	4.80	3.87
26	2.24	3.04	3.94	4.84	5.53	5.87	5.78	5.20	4.20	2.98	1.71	.61	.00

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	35.04	35.99	37.74	40.31	43.59	47.40	51.50	55.73	59.63	62.92	65.40	66.95	67.56
2	30.84	31.97	33.96	36.78	40.30	44.36	48.69	53.14	57.28	60.82	63.57	65.40	66.31
3	27.51	28.71	30.77	33.63	37.15	41.17	45.45	49.87	54.01	57.64	60.55	62.65	63.90
4	25.15	26.38	28.33	30.98	34.26	37.98	41.94	46.03	49.95	53.48	56.45	58.78	60.42
5	23.80	24.96	26.71	29.01	31.79	34.99	38.32	41.83	45.32	48.60	51.59	54.06	56.11
6	23.42	24.44	25.87	27.68	29.84	32.27	34.92	37.71	40.58	43.45	46.24	48.89	51.34
7	23.91	24.72	25.76	27.00	28.44	30.06	31.88	33.91	36.16	38.61	41.24	44.00	46.82
8	25.10	25.67	26.29	26.95	27.66	28.47	29.47	30.74	32.37	34.39	36.83	39.66	42.79
9	26.28	27.11	27.34	27.46	27.52	27.62	27.90	28.51	29.58	31.22	33.47	36.33	39.69
10	28.74	28.85	28.75	28.45	28.01	27.58	27.32	27.44	28.10	29.44	31.54	34.38	37.87
11	30.83	30.74	30.37	29.80	29.07	28.34	27.79	27.65	28.09	29.26	31.26	34.06	37.57
12	32.77	32.57	32.08	31.35	30.57	29.81	29.26	29.11	29.55	30.71	32.67	35.41	38.83
13	34.33	34.10	33.69	33.01	32.34	31.81	31.59	31.66	32.32	33.62	35.61	38.27	41.49
14	35.36	35.14	34.89	34.53	34.30	34.29	34.49	35.02	36.06	37.69	39.73	42.30	45.25
15	35.70	35.60	35.58	35.72	36.07	36.69	37.62	38.88	40.47	42.39	44.60	47.09	49.66
16	35.36	35.38	35.67	36.31	37.35	38.78	40.55	42.62	44.89	47.28	49.73	52.13	54.40
17	34.18	34.33	34.96	36.19	37.90	40.18	42.86	45.77	48.82	51.79	54.51	56.85	58.78
18	32.15	32.42	33.16	34.26	35.73	40.00	44.07	47.95	51.77	55.28	58.26	60.58	62.20
19	29.29	29.65	30.36	31.71	28.58	38.71	44.18	48.89	53.33	57.32	60.55	62.88	64.24
20	25.70	26.12	27.36	29.15	33.29	37.43	42.97	48.26	53.28	57.68	61.19	63.49	64.72
21	21.54	22.00	23.60	26.41	30.35	35.18	40.56	46.22	51.64	56.32	59.95	62.36	63.50
22	17.01	17.50	19.21	22.18	26.33	31.40	37.02	42.93	48.55	53.40	57.14	59.58	60.70
23	12.35	12.90	14.67	17.71	21.93	27.06	32.73	38.68	44.33	49.20	52.96	55.43	56.57
24	7.83	8.45	10.28	13.33	17.49	22.52	28.06	33.87	39.37	44.12	47.80	50.24	51.42
25	3.67	4.44	6.32	9.32	13.35	18.15	23.54	28.99	34.10	38.56	42.06	44.42	45.61
26	.10	1.07	3.03	5.97	9.83	14.41	19.37	24.35	29.01	33.05	36.21	38.37	39.51

TABLE 3.74 LOCAL ELEVATION TABLE 70

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	10.22	13.25	16.67	20.26	23.80	27.22	30.17	32.49	34.10	34.99	35.25	35.01	34.43
2	11.97	14.30	16.85	19.48	22.02	24.35	26.36	27.86	28.83	29.28	29.29	29.01	28.57
3	14.78	16.20	17.67	19.10	20.90	21.49	22.29	22.78	22.97	22.89	22.63	22.32	22.12
4	18.38	18.76	19.02	19.13	19.07	18.84	18.44	17.90	17.28	16.64	16.08	15.71	15.63
5	22.40	21.74	20.78	19.57	18.16	16.62	15.03	13.50	12.10	10.93	10.11	9.70	9.79
6	26.65	24.93	22.81	20.40	17.76	15.05	12.41	9.98	7.89	6.27	5.21	4.78	5.03
7	30.62	28.09	24.97	21.58	17.97	14.32	10.85	7.71	5.09	3.12	1.88	1.43	1.81
8	34.00	30.92	27.17	23.07	18.81	14.55	10.53	6.94	3.99	1.79	.94	.00	.47
9	36.60	33.25	29.22	24.79	20.26	15.74	11.50	7.75	4.67	2.41	1.09	.61	1.12
10	38.32	35.01	31.05	26.68	22.23	17.82	13.69	10.05	7.07	4.88	3.57	3.17	3.67
11	39.20	36.20	32.62	28.65	24.61	20.62	16.88	13.59	10.90	8.93	7.79	7.38	7.83
12	39.35	36.87	33.91	30.62	27.21	23.89	20.79	18.05	15.79	14.13	13.12	12.80	13.17
13	38.95	37.11	34.92	32.48	29.93	27.47	25.15	23.08	21.38	20.11	19.32	19.06	19.32
14	38.19	37.09	35.65	34.12	32.50	30.92	29.43	28.08	26.95	26.09	25.53	25.33	25.49
15	37.27	36.76	36.15	35.47	34.73	33.99	33.27	32.60	32.01	31.53	31.20	31.05	31.11
16	36.43	36.40	36.44	36.47	36.49	36.47	36.41	36.30	36.17	36.01	35.87	35.78	35.75
17	35.70	36.08	36.58	37.13	37.69	38.21	38.65	38.99	39.20	39.30	39.30	39.22	39.12
18	35.18	35.80	36.60	37.45	38.34	39.18	39.93	40.54	40.98	41.24	41.34	41.30	41.16
19	34.89	35.62	36.52	37.48	38.49	39.46	40.32	41.04	41.58	41.92	42.07	42.06	41.91
20	34.85	35.55	36.39	37.30	38.25	39.17	40.00	40.69	41.21	41.56	41.73	41.73	41.60
21	35.02	35.59	36.27	37.00	37.77	38.51	39.19	39.75	40.19	40.49	40.69	40.65	40.55
22	35.35	35.75	36.21	36.71	37.21	37.70	38.15	38.53	38.84	39.05	39.17	39.19	39.13
23	35.80	36.00	36.23	36.48	36.73	36.98	37.22	37.42	37.58	37.71	37.78	37.81	37.78
24	36.30	36.31	36.33	36.35	36.38	36.41	36.45	36.49	36.53	36.57	36.61	36.64	36.65
25	36.83	36.66	36.51	36.36	36.20	36.07	35.95	35.87	35.82	35.80	35.81	35.83	35.87
26	37.29	37.02	36.74	36.47	36.21	35.97	35.77	35.61	35.50	35.44	35.43	35.46	35.50

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	33.73	33.10	32.63	32.39	32.43	32.75	33.29	33.99	34.76	35.54	36.29	36.78	37.13
2	28.22	28.00	28.03	28.37	29.09	30.00	31.17	32.47	33.82	35.09	36.19	37.02	37.57
3	22.10	22.36	22.98	23.99	25.36	27.03	28.90	30.91	32.88	34.66	36.16	37.31	38.06
4	15.92	16.67	17.91	19.61	21.79	24.19	26.81	29.47	32.01	34.28	36.17	37.62	38.58
5	10.94	11.68	13.50	15.85	18.65	21.75	25.01	28.29	31.28	33.97	36.19	37.89	39.01
6	5.99	7.65	9.98	12.88	16.29	19.89	23.66	27.35	30.78	33.78	36.22	38.09	39.28
7	3.01	5.01	7.71	11.02	14.79	18.82	22.93	26.91	30.57	33.73	36.26	38.17	39.35
8	1.82	4.01	6.94	10.98	14.95	18.67	22.92	26.99	30.69	33.83	36.30	38.11	39.17
9	2.53	4.77	7.75	11.31	15.29	19.47	23.64	27.60	31.19	34.09	36.35	37.92	38.76
10	5.03	7.20	10.05	13.45	17.21	21.15	25.05	28.69	31.89	34.49	36.39	37.60	38.13
11	9.06	11.01	13.59	16.66	20.09	23.56	27.00	30.17	32.88	34.99	36.93	37.19	37.35
12	14.20	15.84	18.02	20.62	23.49	26.45	29.31	31.88	34.00	35.55	36.45	36.73	36.48
13	20.11	21.38	23.07	25.08	27.29	29.59	31.81	33.72	35.20	36.12	36.46	36.25	35.65
14	26.02	26.90	28.10	29.53	31.10	32.75	34.26	35.50	36.32	36.64	36.44	35.81	34.89
15	31.90	31.92	32.65	33.53	34.51	35.52	36.39	37.00	37.23	37.03	36.39	35.42	34.27
16	35.83	36.03	36.36	36.77	37.24	37.70	38.02	38.11	37.87	37.27	36.30	35.12	33.83
17	39.09	39.00	39.01	39.06	39.12	39.15	39.05	38.75	38.19	37.33	36.19	34.92	33.61
18	40.96	40.75	40.54	40.34	40.12	39.85	39.48	38.94	38.20	37.23	36.07	34.84	33.62
19	41.67	41.37	41.04	40.69	40.31	39.88	39.36	38.72	37.94	37.01	35.96	34.89	33.85
20	41.36	41.05	40.69	40.29	39.85	39.37	38.83	38.21	37.50	36.71	35.89	35.05	34.27
21	40.36	40.08	39.75	39.38	38.97	38.52	38.04	37.53	36.99	36.44	35.87	35.32	34.84
22	38.99	38.79	38.53	38.24	37.92	37.58	37.23	36.86	36.54	36.22	35.94	35.70	35.52
23	37.71	37.59	37.42	37.21	36.99	36.75	36.52	36.33	36.18	36.10	36.09	36.15	36.26
24	36.63	36.57	36.49	36.37	36.23	36.10	36.00	35.95	35.98	36.11	36.34	36.66	37.02
25	35.89	35.89	35.87	35.82	35.76	35.72	35.72	35.79	35.96	36.24	36.69	37.19	37.73
26	35.55	35.59	35.61	35.60	35.60	35.61	35.67	35.82	36.10	36.52	37.06	37.67	38.32

TABLE 3.75 LOCAL ELEVATION TABLE 71

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	7.82	7.96	8.17	8.38	8.55	8.62	8.54	8.26	7.80	7.17	6.43	5.71	5.09
2	7.85	8.12	8.44	8.77	9.03	9.12	8.97	8.54	7.82	6.85	5.73	4.58	3.64
3	7.91	8.28	8.72	9.17	9.50	9.62	9.41	8.82	7.85	6.58	5.12	3.46	2.39
4	7.96	8.42	8.95	9.49	9.88	10.00	9.75	9.05	7.89	6.40	4.69	2.99	1.55
5	7.98	8.49	9.07	9.65	10.08	10.21	9.93	9.17	7.91	6.31	4.51	2.74	1.28
6	7.97	8.48	9.05	9.62	10.04	10.16	9.89	9.13	7.90	6.35	4.63	2.98	1.69
7	7.91	8.36	8.86	9.37	9.73	9.84	9.59	8.93	7.85	6.51	5.08	3.75	2.83
8	7.80	8.14	8.52	8.90	9.17	9.25	9.06	8.56	7.76	6.81	5.84	5.06	4.72
9	7.67	7.84	8.04	8.24	8.38	8.42	8.32	8.05	7.64	7.22	6.91	6.86	7.27
10	7.53	7.50	7.49	7.47	7.46	7.45	7.46	7.48	7.58	7.81	8.25	9.03	10.26
11	7.45	7.21	6.95	6.70	6.55	6.52	6.65	6.98	7.58	8.48	9.73	11.38	13.45
12	7.43	6.97	6.48	6.02	5.71	5.65	5.91	6.55	7.63	9.18	11.21	13.69	16.57
13	7.49	6.84	6.13	5.48	5.05	4.96	5.33	6.24	7.76	9.89	12.59	15.79	19.35
14	7.64	6.84	5.97	5.17	4.69	4.54	4.99	6.12	7.97	10.54	13.76	17.49	21.53
15	7.89	6.99	6.02	5.12	4.55	4.43	4.95	6.20	8.26	11.11	14.63	18.66	22.95
16	8.21	7.27	6.26	5.35	4.76	4.65	5.18	6.48	8.61	11.53	15.13	19.19	23.51
17	8.57	7.64	6.64	5.80	5.23	5.13	5.65	6.91	8.97	11.78	15.21	19.07	23.15
18	8.92	8.05	7.15	6.39	5.88	5.79	6.27	7.42	9.27	11.80	14.87	18.29	21.90
19	9.16	8.40	7.64	6.99	6.56	6.50	6.92	7.89	9.46	11.57	14.12	16.94	19.91
20	9.23	8.59	7.98	7.47	7.16	7.13	7.47	8.24	9.44	11.06	13.00	15.11	17.33
21	9.05	8.54	8.09	7.73	7.53	7.54	7.80	8.35	9.18	10.27	11.55	12.93	14.36
22	8.60	8.21	7.89	7.68	7.59	7.64	7.84	8.17	8.64	9.22	9.86	10.55	11.24
23	7.90	7.57	7.36	7.28	7.30	7.39	7.53	7.69	7.85	7.97	8.06	8.16	8.24
24	6.99	6.69	6.56	6.58	6.69	6.85	6.98	7.01	6.90	6.65	6.32	5.92	5.49
25	5.98	5.69	5.61	5.70	5.88	6.11	6.23	6.17	5.90	5.91	5.74	3.96	3.17
26	5.05	4.74	4.70	4.88	5.16	5.42	5.54	5.43	5.04	4.36	3.47	2.45	1.45

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	4.67	4.52	4.74	5.33	6.27	7.56	9.08	10.61	11.98	13.02	13.59	13.60	13.04
2	3.01	2.83	3.21	4.18	5.73	7.79	10.17	12.56	14.70	16.31	17.19	17.19	16.31
3	1.60	1.43	2.02	3.43	5.59	8.46	11.70	14.96	17.86	20.09	21.22	21.21	20.01
4	.68	.60	1.45	3.30	6.09	9.71	13.75	17.79	21.38	24.07	25.50	25.48	23.97
5	.96	.55	1.72	4.01	7.36	11.62	16.33	21.01	25.19	28.24	29.92	29.87	28.07
6	1.09	1.47	2.99	5.70	9.51	14.25	19.92	24.53	29.03	32.99	34.23	34.19	32.19
7	2.64	3.43	5.34	8.92	12.55	17.56	22.97	28.24	32.94	36.91	38.19	38.09	35.95
8	5.10	6.39	8.71	12.09	16.41	21.43	26.81	32.06	36.63	39.95	41.61	41.39	39.29
9	8.32	10.17	12.90	16.50	20.86	25.70	30.82	35.75	39.91	42.88	44.31	44.00	41.99
10	12.05	14.49	17.59	21.33	25.57	30.08	34.74	39.03	42.57	45.02	46.11	45.71	43.87
11	15.99	18.99	22.91	26.18	30.16	34.26	38.19	41.66	44.42	46.22	46.90	46.41	44.78
12	19.79	23.28	26.92	30.65	34.33	37.78	40.86	43.40	45.27	46.36	46.60	45.99	44.62
13	23.12	27.01	30.83	34.40	37.60	40.31	42.47	44.04	45.00	45.36	45.15	44.43	43.30
14	25.74	29.88	33.67	36.95	39.60	41.55	42.82	43.45	43.55	43.21	42.57	41.74	40.85
15	27.37	31.52	35.19	38.04	40.11	41.34	41.78	41.58	40.91	39.98	39.01	38.15	37.45
16	27.85	31.81	35.11	37.55	39.05	39.62	39.37	38.49	37.22	35.87	34.67	33.73	33.16
17	27.16	30.73	33.58	35.53	36.50	36.52	35.74	34.37	32.70	31.11	29.73	28.75	28.26
18	25.39	28.42	30.73	32.18	32.68	32.29	31.16	29.52	27.67	25.96	24.53	23.55	23.12
19	22.72	25.10	26.84	27.79	27.92	27.27	25.99	24.31	22.59	20.86	19.98	18.56	18.21
20	19.38	21.07	22.23	22.77	22.63	21.91	20.76	19.31	17.75	16.29	15.12	14.38	14.12
21	15.65	16.66	17.33	17.59	17.39	16.78	15.84	14.71	13.53	12.46	11.69	11.15	11.04
22	11.87	12.35	12.63	12.68	12.48	12.07	11.50	10.85	10.21	9.67	9.31	9.18	9.27
23	8.29	8.32	8.30	8.26	8.19	8.11	8.04	7.99	8.01	8.11	8.32	8.62	9.00
24	5.10	4.80	4.63	4.62	4.80	5.15	5.67	6.32	7.07	7.88	8.72	9.54	10.27
25	2.49	2.01	1.81	1.96	2.47	3.33	4.49	5.87	7.39	8.95	10.46	11.81	12.97
26	.43	.10	.00	.39	1.30	2.69	4.50	6.61	8.88	11.17	13.35	15.28	16.85

TABLE 3.76 LOCAL ELEVATION TABLE 72

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	26.59	22.12	17.83	13.81	10.27	7.40	5.30	4.01	3.47	3.59	4.23	5.21	6.37
2	26.18	21.71	17.38	13.31	9.73	6.80	4.65	3.31	2.77	2.94	3.69	4.89	6.37
3	25.83	21.28	16.84	12.70	9.04	6.04	3.82	2.44	1.89	2.12	3.01	4.45	6.29
4	25.59	20.97	16.38	12.16	8.42	5.33	3.02	1.58	1.00	1.26	2.28	3.95	6.13
5	25.53	20.91	16.30	11.94	8.09	4.91	2.50	.96	.31	.54	1.61	3.43	5.87
6	25.79	21.23	16.67	12.31	8.36	5.03	2.49	.79	.00	.12	1.13	2.96	5.52
7	26.43	22.05	17.62	13.34	9.39	5.96	3.21	1.28	.25	.13	.93	2.61	5.10
8	27.50	23.43	19.24	15.12	11.22	7.73	4.80	2.56	1.19	.70	1.12	2.49	4.64
9	29.00	25.37	21.54	17.65	13.86	10.39	7.23	4.68	2.86	1.87	1.75	2.53	4.21
10	30.87	27.78	24.40	20.84	17.23	13.71	10.43	7.55	5.29	3.66	2.86	2.94	3.91
11	32.98	30.54	27.69	24.52	21.19	17.66	14.29	11.02	8.22	5.99	4.45	3.70	3.83
12	35.23	33.47	31.20	28.46	25.35	21.96	18.43	14.92	11.66	8.78	6.47	4.87	4.09
13	37.47	36.41	34.75	32.50	29.70	26.49	22.82	19.04	15.36	11.90	8.87	6.46	4.80
14	39.47	39.06	37.98	36.22	33.77	30.70	27.12	23.18	19.12	15.21	11.59	8.49	6.06
15	41.07	41.22	40.66	39.35	37.27	34.95	30.99	27.09	22.79	18.57	14.55	10.94	7.92
16	42.17	42.75	42.62	41.71	39.99	37.48	34.29	30.91	26.20	21.85	17.66	13.77	10.39
17	42.72	43.57	43.77	43.20	41.83	39.65	36.73	33.18	29.18	24.95	20.82	16.92	13.49
18	42.71	43.70	44.10	43.81	42.77	40.96	38.43	35.28	31.68	27.81	23.96	20.28	16.95
19	42.23	43.22	43.72	43.63	42.88	41.95	39.38	36.74	33.67	30.33	26.96	23.73	20.77
20	41.37	42.25	42.76	42.81	42.32	41.27	39.69	37.62	35.18	32.49	29.76	27.13	24.70
21	40.27	40.97	41.43	41.55	41.29	40.60	39.50	38.02	36.25	34.28	32.26	30.32	28.53
22	39.09	39.56	39.91	40.07	39.98	39.62	38.97	38.07	36.95	35.70	34.41	33.18	32.09
23	37.98	38.29	38.48	38.64	38.67	38.55	38.27	37.88	37.36	36.77	36.16	35.58	35.06
24	37.00	37.07	37.20	37.35	37.48	37.56	37.59	37.57	37.55	37.50	37.46	37.44	37.45
25	36.23	36.15	36.18	36.31	36.50	36.73	36.98	37.25	37.59	37.95	38.39	38.73	39.14
26	35.71	35.53	35.50	35.60	35.81	36.12	36.52	36.98	37.54	38.16	38.81	39.47	40.13

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	7.63	8.83	9.85	10.64	11.21	11.58	11.78	11.86	11.86	11.82	11.76	11.71	11.68
2	7.99	9.68	11.29	12.73	13.96	14.97	15.74	16.30	16.66	16.84	16.89	16.84	16.74
3	8.39	10.61	12.87	15.01	16.96	18.66	20.06	21.13	21.87	22.30	22.46	22.42	22.25
4	8.69	11.47	14.37	17.25	19.96	22.39	24.44	26.06	27.20	27.89	28.18	28.14	27.90
5	8.81	12.08	15.53	19.08	22.48	25.57	28.24	30.36	31.90	32.83	33.24	33.21	32.90
6	8.68	12.30	16.18	20.21	24.16	27.81	30.99	33.55	35.42	36.58	37.10	37.09	36.73
7	8.28	12.02	16.13	20.42	24.75	28.79	32.34	35.23	37.37	38.71	39.32	39.34	38.94
8	7.61	11.23	15.31	19.63	24.09	28.32	32.07	35.17	37.48	38.55	38.92	39.28	39.27
9	6.73	9.97	13.76	17.90	22.21	26.91	30.19	33.34	35.72	36.00	36.50	36.82	37.69
10	5.75	8.39	11.66	15.37	19.30	23.26	26.89	29.96	32.31	33.46	33.91	34.36	34.39
11	4.85	6.70	9.26	12.35	15.73	19.26	22.58	25.44	27.67	29.18	29.96	30.11	29.79
12	4.20	5.16	6.90	9.23	12.02	14.99	17.85	20.37	22.38	23.78	24.54	24.73	24.47
13	4.00	4.06	4.95	6.60	8.73	11.11	13.49	15.65	17.41	18.66	19.36	19.56	19.36
14	4.43	3.69	3.85	4.73	6.17	7.94	9.81	11.58	13.06	14.14	14.77	14.97	14.83
15	5.64	4.27	3.73	3.94	4.73	5.92	7.30	8.67	9.86	10.75	11.29	11.49	11.39
16	7.69	5.84	4.78	4.44	4.69	5.38	6.31	7.31	8.21	8.91	9.34	9.50	9.43
17	10.54	8.42	7.02	6.30	6.16	6.44	7.00	7.67	8.31	8.81	9.12	9.24	9.18
18	14.11	11.89	10.37	9.45	9.05	9.06	9.32	9.72	10.12	10.44	10.64	10.69	10.63
19	18.21	16.13	14.60	13.65	13.14	12.98	13.05	13.23	13.44	13.59	13.66	13.65	13.57
20	22.58	20.84	19.52	18.58	18.06	17.83	17.78	17.82	17.87	17.88	17.84	17.74	17.64
21	26.96	25.67	24.67	23.97	23.51	23.23	23.07	22.99	22.93	22.82	22.67	22.51	22.37
22	31.05	30.25	29.65	29.22	28.93	28.74	28.60	28.47	28.30	28.09	27.86	27.65	27.51
23	34.43	34.30	34.07	33.92	33.83	33.76	33.67	33.52	33.31	33.03	32.74	32.49	32.33
24	37.49	37.57	37.67	37.78	37.87	37.90	37.85	37.71	37.48	37.16	36.84	36.56	36.39
25	39.55	39.93	40.29	40.58	40.79	40.90	40.90	40.77	40.53	40.21	39.87	39.59	39.41
26	40.77	41.34	41.84	42.24	42.53	42.68	42.70	42.59	42.36	42.05	41.74	41.47	41.30

TABLE 3.77 LOCAL ELEVATION TABLE 73

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	29.91	29.12	28.92	29.53	31.11	33.58	36.83	40.66	44.86	49.08	52.98	56.24	58.62
2	30.36	29.33	28.82	29.12	30.32	32.40	35.26	38.72	42.56	46.36	49.85	52.68	54.63
3	31.55	30.33	29.57	29.51	30.26	31.84	34.19	37.13	40.44	43.71	46.62	48.89	50.32
4	33.17	31.89	30.95	30.53	30.82	31.86	33.60	35.92	38.57	41.19	43.46	45.13	46.02
5	35.01	33.73	32.67	31.99	31.87	32.38	33.48	35.10	37.01	38.89	40.47	41.53	41.91
6	36.69	35.51	34.48	33.68	33.24	33.27	33.75	34.67	35.79	36.90	37.77	38.23	38.18
7	37.73	37.02	36.15	35.38	34.78	34.43	34.35	34.57	34.93	35.27	35.46	35.38	34.99
8	38.07	37.98	37.55	36.95	36.30	35.70	35.17	34.77	34.40	34.09	33.61	33.09	32.49
9	37.57	38.25	38.45	38.26	37.76	37.02	36.11	35.15	34.18	33.20	32.26	31.43	30.75
10	36.22	37.76	38.72	39.08	38.88	38.17	37.05	35.65	34.18	32.73	31.43	30.41	29.80
11	34.09	36.51	38.27	39.27	39.49	38.95	37.78	36.16	34.32	32.58	31.09	30.06	29.64
12	31.33	34.55	37.08	38.74	39.45	39.21	38.16	36.51	34.55	32.76	31.29	30.40	30.31
13	28.08	31.96	35.16	37.44	38.66	38.83	38.05	36.58	34.76	33.12	31.85	31.25	31.54
14	24.53	28.85	32.54	35.33	37.06	37.69	37.34	36.27	34.81	33.56	32.67	32.48	33.22
15	20.87	25.34	29.30	32.46	34.63	35.78	35.99	35.50	34.63	33.96	33.63	33.96	35.15
16	17.30	21.58	25.57	28.92	31.45	33.11	33.97	34.22	34.14	34.21	34.58	35.50	37.14
17	13.89	17.76	21.50	24.86	27.65	29.79	31.35	32.44	33.28	34.21	35.35	36.89	38.95
18	10.74	14.04	17.33	20.50	23.42	25.99	28.22	30.18	31.99	33.82	35.77	37.93	40.34
19	7.94	10.53	13.30	16.16	19.03	21.90	24.74	27.52	30.25	32.95	35.66	38.38	41.11
20	5.54	7.37	9.53	12.03	14.81	17.86	21.15	24.57	28.06	31.56	34.96	38.18	41.15
21	3.60	4.68	6.24	8.31	10.91	14.02	17.57	21.42	25.43	29.52	33.49	37.02	40.14
22	2.13	2.56	3.56	5.21	7.53	10.54	14.14	18.17	22.44	26.82	31.01	34.78	37.97
23	1.14	1.08	1.62	2.85	4.85	7.60	11.02	14.94	19.15	23.51	27.71	31.48	34.63
24	.62	.24	.44	1.32	2.94	5.29	8.30	11.84	15.69	19.71	23.65	27.24	30.29
25	.52	.00	.00	.59	1.81	3.67	6.11	9.01	12.24	15.63	19.08	22.33	25.22
26	.78	.28	.20	.56	1.39	2.70	4.45	6.59	9.03	11.68	14.45	17.22	19.90

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	60.03	60.49	60.17	59.27	58.11	57.08	56.30	55.95	56.13	56.83	57.96	59.37	60.91
2	55.60	55.69	54.93	53.73	52.49	51.37	50.69	50.61	51.20	52.46	54.25	56.49	58.78
3	50.81	50.43	49.42	48.09	46.62	45.57	45.08	45.39	46.42	48.29	50.88	53.85	56.89
4	46.08	45.39	44.16	42.68	41.30	40.35	40.11	40.79	42.49	44.98	48.20	51.82	55.47
5	41.60	40.68	39.38	37.97	36.78	36.19	36.32	37.47	39.65	42.73	46.50	50.63	54.75
6	37.60	36.62	35.41	34.27	33.46	33.29	33.98	35.66	38.33	41.87	46.03	50.49	54.86
7	34.30	33.42	32.53	31.85	31.62	32.06	33.35	35.57	38.69	42.56	46.93	51.48	55.87
8	31.85	31.26	30.88	30.85	31.35	32.53	34.48	37.23	40.70	44.75	49.13	53.54	57.68
9	30.31	30.18	30.47	31.24	32.60	34.58	37.20	40.43	44.16	48.23	52.91	56.95	60.10
10	29.69	30.15	31.21	32.87	35.12	37.91	41.17	44.80	48.65	52.57	56.36	59.84	62.87
11	29.96	31.05	32.90	35.44	38.55	42.08	45.88	49.78	53.69	57.37	60.69	63.50	65.72
12	31.12	32.86	35.46	38.78	42.60	46.71	50.97	55.08	58.83	62.07	64.71	66.72	68.06
13	32.86	35.18	38.41	42.32	46.66	51.22	55.68	59.72	63.14	65.84	67.76	68.95	69.46
14	34.99	37.77	41.41	45.68	50.26	54.98	59.35	63.11	66.06	68.14	69.34	69.78	69.57
15	37.30	40.37	44.19	48.50	53.07	57.57	61.57	64.83	67.19	68.60	69.13	68.93	68.19
16	39.57	42.73	46.97	50.53	54.77	58.72	62.10	64.67	66.33	67.08	67.02	66.34	65.26
17	41.55	44.64	48.06	51.67	55.22	58.38	60.91	62.67	63.58	63.70	63.15	62.16	60.98
18	43.02	45.88	48.86	51.80	54.45	56.64	58.21	59.08	59.25	58.79	57.88	56.74	55.72
19	43.81	46.41	48.81	50.91	52.59	53.75	54.34	54.39	53.82	52.89	51.73	50.48	49.45
20	43.99	46.03	47.81	49.09	49.84	50.05	49.75	48.99	47.95	46.73	45.50	44.46	43.88
21	42.69	44.60	45.86	46.46	46.46	45.91	45.02	43.82	42.43	41.00	39.74	38.82	38.42
22	40.43	42.12	43.02	43.19	42.71	41.83	40.60	39.11	37.53	36.05	34.83	34.06	33.89
23	37.04	38.64	39.42	39.46	38.93	38.00	36.71	35.22	33.68	32.28	31.19	30.56	30.54
24	32.68	34.34	35.26	35.50	35.30	34.64	33.62	32.39	31.11	29.94	29.02	28.51	28.54
25	27.63	29.50	30.79	31.63	31.98	31.88	31.43	30.73	29.89	29.05	28.36	27.93	27.91
26	22.38	24.60	26.48	27.98	28.09	29.80	30.04	30.19	29.88	29.47	29.02	28.66	28.51

TABLE 3.78 LOCAL ELEVATION TABLE 74

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	10.94	10.79	10.65	10.56	10.54	10.58	10.69	10.84	11.00	11.17	11.30	11.40	11.44
2	8.34	8.33	8.31	8.29	8.26	8.24	8.22	8.20	8.19	8.17	8.16	8.15	8.14
3	6.62	6.72	6.79	6.80	6.74	6.61	6.43	6.22	5.99	5.77	5.59	5.45	5.38
4	5.74	5.93	6.04	6.05	5.92	5.67	5.32	4.90	4.46	4.04	3.69	3.42	3.27
5	5.57	5.81	5.94	5.91	5.71	5.34	4.83	4.24	3.61	3.02	2.52	2.14	1.91
6	5.91	6.16	6.28	6.21	5.95	5.49	4.88	4.17	3.43	2.73	2.13	1.68	1.40
7	6.52	6.76	6.85	6.74	6.44	5.96	5.33	4.60	3.85	3.14	2.53	2.07	1.78
8	7.25	7.44	7.49	7.37	7.07	6.60	6.06	5.44	4.81	4.22	3.70	3.32	3.07
9	7.76	7.87	7.88	7.80	7.60	7.30	6.93	6.58	6.23	5.89	5.60	5.38	5.24
10	7.87	7.87	7.87	7.87	7.87	7.87	7.87	7.93	8.01	8.08	8.14	8.19	8.23
11	7.55	7.46	7.48	7.63	7.91	8.32	8.82	9.42	10.08	10.69	11.22	11.62	11.89
12	6.80	6.63	6.71	7.07	7.72	6.63	9.75	11.01	12.35	13.61	14.69	15.52	16.07
13	5.78	5.56	5.73	6.35	7.42	8.90	10.70	12.71	14.78	16.73	18.40	19.69	20.55
14	4.68	4.46	4.77	5.69	7.21	9.27	11.75	14.51	17.32	19.95	22.23	24.00	25.17
15	3.76	3.60	4.09	5.32	7.29	9.90	13.03	16.47	19.93	23.20	26.02	28.20	29.65
16	3.28	3.24	3.97	5.52	7.88	10.98	14.65	18.61	22.57	26.34	29.57	32.05	33.70
17	3.48	3.65	4.63	6.48	9.19	12.66	16.67	20.95	25.23	29.29	32.79	35.38	37.13
18	4.43	4.93	6.24	8.34	11.30	14.96	19.11	23.51	27.87	31.96	35.43	38.07	39.80
19	6.17	7.08	8.70	11.08	14.18	17.87	21.97	26.23	30.44	34.32	37.57	40.03	41.62
20	8.66	10.04	12.02	14.60	17.74	21.31	25.15	29.04	32.87	36.30	39.19	41.26	42.60
21	11.75	13.66	15.99	18.72	21.78	25.09	28.50	31.92	35.10	37.90	40.16	41.80	42.80
22	15.23	17.67	20.33	23.16	26.09	29.07	31.96	34.66	37.07	39.09	40.66	41.75	42.35
23	18.80	21.73	24.73	27.67	30.44	32.97	35.21	37.12	38.68	39.88	40.71	41.21	41.41
24	22.16	25.62	28.90	31.86	34.40	36.46	38.04	39.17	39.89	40.27	40.39	40.32	40.14
25	25.11	28.97	32.46	35.40	37.70	39.31	40.28	40.68	40.65	40.30	39.79	39.25	38.78
26	27.39	31.54	35.16	38.07	40.14	41.37	41.82	41.62	40.96	40.03	39.05	38.16	37.45

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	11.44	11.40	11.34	11.29	11.26	11.28	11.36	11.49	11.67	11.88	12.11	12.33	12.51
2	8.13	8.13	8.12	8.12	8.13	8.13	8.14	8.16	8.17	8.19	8.21	8.23	8.25
3	5.35	5.37	5.41	5.46	5.50	5.50	5.47	5.38	5.26	5.12	4.96	4.82	4.71
4	3.21	3.24	3.32	3.41	3.49	3.50	3.44	3.29	3.08	2.81	2.53	2.27	2.09
5	1.83	1.86	1.96	2.09	2.19	2.22	2.15	1.98	1.71	1.38	1.03	.72	.50
6	1.28	1.31	1.42	1.56	1.69	1.74	1.68	1.51	1.23	.89	.53	.21	.00
7	1.65	1.66	1.77	1.91	2.04	2.10	2.06	1.91	1.67	1.36	1.04	.77	.59
8	2.96	2.96	3.04	3.16	3.26	3.32	3.30	3.19	3.01	2.79	2.55	2.35	2.23
9	5.18	5.18	5.22	5.29	5.35	5.38	5.37	5.32	5.22	5.10	4.97	4.87	4.81
10	8.24	8.25	8.24	8.23	8.22	8.21	8.20	8.20	8.20	8.20	8.21	8.20	8.20
11	12.03	12.05	11.98	11.87	11.76	11.68	11.66	11.71	11.81	11.95	12.09	12.19	12.22
12	16.35	16.39	16.26	16.09	15.81	15.65	15.60	15.68	15.89	16.16	16.49	16.64	16.68
13	20.98	21.09	20.85	20.51	20.17	19.95	19.88	19.99	20.26	20.63	21.03	21.32	21.37
14	25.77	25.86	25.60	25.19	24.72	24.41	24.31	24.43	24.77	25.22	25.75	26.11	26.19
15	30.38	30.50	30.17	29.60	29.08	28.70	28.56	28.70	29.09	29.63	30.25	30.66	30.66
16	34.53	34.66	34.28	33.63	33.03	32.59	32.42	32.57	33.01	33.61	34.29	34.73	34.70
17	38.00	38.13	37.71	37.00	36.36	35.88	35.70	35.87	36.33	36.97	37.69	38.19	38.07
18	40.64	40.74	40.30	39.58	38.92	38.45	38.27	38.45	38.92	39.58	40.30	40.74	40.64
19	42.38	42.43	41.98	41.28	40.66	40.21	40.06	40.25	40.72	41.36	42.06	42.47	42.35
20	43.20	43.20	42.76	42.12	41.57	41.19	41.08	41.28	41.74	42.34	42.99	43.35	43.21
21	43.21	43.14	42.73	42.19	41.74	41.45	41.40	41.61	42.09	42.60	43.16	43.47	43.32
22	42.54	42.40	42.04	41.64	41.31	41.13	41.16	41.39	41.78	42.27	42.79	42.97	42.82
23	41.37	41.17	40.88	40.64	40.46	40.41	40.52	40.77	41.13	41.55	41.90	42.06	41.91
24	39.90	39.68	39.50	39.39	39.38	39.47	39.67	39.96	40.28	40.62	40.87	40.95	40.79
25	38.40	38.16	38.06	38.11	38.27	38.53	38.85	39.18	39.50	39.76	39.91	39.92	39.75
26	36.97	36.74	36.78	37.00	37.35	37.76	38.17	38.54	38.83	39.02	39.09	39.03	38.86

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TABLE 3.79 LOCAL ELEVATION TABLE 75

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	66.13	66.16	66.19	66.21	66.21	66.19	66.14	66.08	66.00	65.92	65.85	65.82	65.82
2	70.33	70.44	70.43	70.29	70.02	69.61	69.09	68.47	67.80	67.11	66.45	65.86	65.38
3	75.18	75.36	75.31	75.00	74.42	73.59	72.55	71.33	70.00	68.65	67.34	66.15	65.16
4	80.41	80.68	80.58	80.08	79.19	77.92	76.33	74.50	72.50	70.46	68.49	66.72	65.23
5	85.85	86.20	86.05	85.36	84.15	82.44	80.30	77.83	75.15	72.47	69.90	67.57	65.58
6	91.13	91.55	91.34	90.47	88.95	86.82	84.18	81.14	77.86	74.57	71.44	68.58	66.16
7	95.87	96.33	96.06	95.01	93.21	90.73	87.65	84.13	80.34	76.56	72.96	69.69	66.91
8	99.75	100.24	99.89	98.68	96.65	93.87	90.46	86.57	82.41	78.29	74.35	70.79	67.77
9	102.50	102.98	102.55	101.21	99.00	96.01	92.37	88.27	83.90	79.59	75.49	71.78	68.65
10	103.88	104.33	103.81	102.36	100.03	96.93	93.21	89.04	84.64	80.33	76.24	72.55	69.45
11	103.72	104.11	103.51	101.98	99.61	96.51	92.84	88.78	84.54	80.41	76.51	73.01	70.08
12	101.93	102.23	101.55	99.99	97.65	94.66	91.19	87.40	83.52	79.75	76.22	73.07	70.44
13	98.98	98.66	97.93	96.38	94.15	91.38	88.24	84.89	81.53	78.29	75.29	72.64	70.45
14	93.39	93.46	92.69	91.21	89.17	86.73	84.05	81.28	78.59	76.03	73.69	71.67	70.02
15	86.75	86.72	85.94	84.59	82.82	80.81	78.71	76.67	74.73	72.96	71.40	70.10	69.07
16	78.73	78.60	77.86	76.69	75.27	73.79	72.39	71.11	70.02	69.12	68.43	67.92	67.56
17	69.58	69.37	68.70	67.76	66.79	65.92	65.22	64.77	64.57	64.60	64.81	65.11	65.47
18	59.61	59.35	58.78	58.16	57.67	57.39	57.44	57.83	58.54	59.50	60.59	61.76	62.85
19	49.23	48.94	48.51	48.24	48.20	48.53	49.30	50.51	52.10	53.94	55.92	57.89	59.65
20	39.11	38.78	38.46	38.36	38.74	39.64	41.09	43.06	45.45	48.09	50.88	53.57	55.93
21	29.96	29.10	28.89	29.04	29.72	31.06	33.10	35.72	38.79	42.14	45.60	48.89	51.76
22	20.75	20.34	20.21	20.54	21.51	23.22	25.68	28.80	32.43	36.33	40.25	43.98	47.29
23	13.34	12.87	12.76	13.21	14.37	16.32	19.08	22.53	26.50	30.74	34.99	38.96	42.48
24	7.53	6.97	6.83	7.30	8.52	10.57	13.45	17.03	21.15	25.53	29.92	34.02	37.60
25	3.47	2.80	2.57	2.97	4.13	6.12	8.93	12.95	16.50	20.83	25.16	29.23	32.78
26	1.16	.36	.00	.24	1.22	3.01	5.59	8.86	12.65	16.72	20.81	24.67	28.07

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	65.88	65.97	66.09	66.21	66.31	66.36	66.32	66.17	65.92	65.59	65.22	64.88	64.63
2	65.09	64.84	64.78	64.80	64.89	64.97	65.01	64.96	64.79	64.52	64.18	63.84	63.58
3	64.41	63.91	63.65	63.60	63.69	63.84	63.98	64.03	63.96	63.76	63.46	63.13	62.85
4	64.07	63.26	62.81	62.69	62.80	63.03	63.29	63.46	63.50	63.38	63.12	62.79	62.49
5	64.03	62.94	62.31	62.11	62.25	62.58	62.96	63.27	63.42	63.37	63.15	62.82	62.50
6	64.26	62.94	62.18	61.91	62.07	62.49	62.99	63.42	63.68	63.71	63.52	63.20	62.85
7	64.74	63.23	62.37	62.07	62.22	62.73	63.33	63.87	64.22	64.31	64.16	63.85	63.48
8	65.41	63.78	62.85	62.54	62.71	63.24	63.93	64.55	64.96	65.11	64.99	64.69	64.31
9	66.21	64.52	63.56	63.25	63.45	63.97	64.69	65.36	65.82	66.01	65.92	65.62	65.29
10	67.04	65.37	64.44	64.14	64.34	64.86	65.55	66.25	66.74	66.95	66.89	66.61	66.28
11	67.81	66.24	65.37	65.09	65.29	65.79	66.45	67.11	67.58	67.80	67.75	67.50	67.19
12	68.42	67.03	66.25	66.02	66.19	66.64	67.23	67.82	68.25	68.44	68.40	68.18	67.91
13	68.77	67.62	66.99	66.79	66.94	67.31	67.80	68.28	68.64	68.80	68.76	68.58	68.35
14	68.76	67.91	67.45	67.31	67.42	67.69	68.05	68.41	68.66	68.78	68.74	68.60	68.43
15	68.31	67.80	67.53	67.45	67.52	67.69	67.90	68.11	68.25	68.30	68.27	68.17	68.06
16	67.33	67.19	67.13	67.13	67.15	67.20	67.25	67.30	67.31	67.30	67.27	67.21	67.16
17	65.81	66.07	66.23	66.29	66.26	66.17	66.05	65.93	65.83	65.76	65.71	65.69	65.70
18	63.74	64.38	64.74	64.85	64.76	64.53	64.24	63.98	63.76	63.61	63.55	63.56	63.62
19	61.06	62.05	62.62	62.78	62.64	62.28	61.83	61.42	61.09	60.87	60.79	60.82	60.92
20	57.81	59.12	59.86	60.09	59.89	59.42	58.83	58.29	57.84	57.56	57.45	57.49	57.62
21	54.03	55.63	56.53	56.80	56.57	56.01	55.29	54.63	54.09	53.73	53.58	53.61	53.77
22	49.82	51.64	52.66	52.98	52.79	52.11	51.29	50.53	49.89	49.45	49.25	49.26	49.42
23	45.28	47.24	48.37	48.73	48.49	47.81	46.92	46.08	45.35	44.83	44.57	44.53	44.67
24	40.50	42.55	43.75	44.15	43.92	43.23	42.31	41.39	40.59	39.99	39.63	39.53	39.62
25	35.62	37.69	38.91	39.35	39.15	38.49	37.55	36.59	35.72	35.03	34.58	34.38	34.41
26	30.81	32.80	34.00	34.47	34.32	33.72	32.83	31.82	30.86	30.09	29.53	29.22	29.16

TABLE 3.80 LOCAL ELEVATION TABLE 76

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	95.62	95.23	93.38	90.32	86.42	82.27	78.49	75.39	73.38	72.74	73.54	75.67	78.81
2	96.42	95.92	94.29	91.75	88.58	85.29	82.30	79.89	78.35	77.90	78.58	80.30	82.79
3	96.11	95.50	94.13	92.15	89.80	87.45	85.39	83.66	82.69	82.39	82.95	84.23	86.03
4	94.66	93.94	92.81	91.41	89.89	88.46	87.21	86.28	85.77	85.79	86.17	87.01	88.14
5	92.08	91.26	90.36	89.51	88.75	88.12	87.66	87.41	87.36	87.52	87.85	88.31	88.86
6	88.52	87.66	86.97	86.52	86.32	86.35	86.55	86.86	87.21	87.55	87.82	87.97	88.03
7	84.18	83.24	82.67	82.51	82.74	83.25	83.93	84.70	85.37	85.83	86.01	85.93	85.63
8	79.24	78.26	77.77	77.80	78.28	79.09	80.07	81.11	81.94	82.45	82.58	82.35	81.85
9	74.09	73.06	72.63	72.76	73.36	74.28	75.39	76.50	77.36	77.85	77.92	77.61	77.03
10	68.99	68.08	67.72	67.91	68.55	69.50	70.55	71.51	72.23	72.59	72.58	72.21	71.63
11	64.63	63.89	63.63	63.84	64.43	65.26	66.19	66.92	67.45	67.63	67.46	67.01	66.42
12	61.15	60.67	60.55	60.79	61.29	61.94	62.58	63.08	63.32	63.26	62.90	62.32	61.69
13	58.82	58.69	58.79	59.08	59.50	59.95	60.30	60.48	60.39	60.01	59.39	58.61	57.85
14	57.83	58.13	58.51	58.93	59.30	59.57	59.65	59.48	59.01	58.27	57.31	56.25	55.25
15	58.23	59.05	59.78	60.37	60.77	60.90	60.74	60.23	59.39	58.25	56.89	55.45	54.09
16	59.97	61.34	62.48	63.32	63.79	63.86	63.50	62.70	61.49	59.93	58.13	56.23	54.42
17	62.86	64.79	66.36	67.49	68.10	68.16	67.67	66.63	65.09	63.13	60.87	58.47	56.12
18	66.62	69.09	71.08	72.51	73.30	73.41	72.84	71.62	69.79	67.47	64.77	61.87	58.97
19	70.92	73.85	76.24	77.98	78.96	79.14	78.53	77.17	75.13	72.50	69.43	66.08	62.66
20	75.49	78.84	81.58	83.57	84.74	85.03	84.44	83.01	80.79	77.90	74.47	70.70	66.84
21	79.96	83.53	86.47	88.64	89.94	90.33	89.79	88.36	86.09	83.09	79.49	75.48	71.27
22	83.93	87.55	90.55	92.79	94.16	94.63	94.16	92.78	90.55	87.55	83.93	79.86	75.53
23	87.16	90.66	93.57	95.76	97.14	97.64	97.25	95.97	93.86	91.00	87.51	83.56	79.32
24	89.51	92.73	95.91	97.44	98.73	99.23	98.92	97.79	95.88	93.27	90.07	86.41	82.47
25	90.95	93.73	96.06	97.84	98.98	99.44	99.20	98.24	96.60	94.34	91.55	88.35	84.89
26	91.51	93.76	95.64	97.08	98.02	98.42	98.24	97.48	96.16	94.32	92.05	89.43	86.58

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	82.53	86.56	90.11	92.66	93.83	93.95	91.54	88.30	84.10	79.39	74.82	70.64	67.14
2	85.72	88.87	91.58	93.46	94.21	93.68	91.91	89.07	85.47	81.46	77.62	74.09	71.16
3	88.11	90.31	92.15	93.35	93.70	93.11	91.60	89.31	86.47	83.35	80.37	77.65	75.39
4	89.42	90.70	91.73	92.33	92.38	91.82	90.69	89.07	87.11	85.01	83.00	81.17	79.66
5	89.41	89.91	90.27	90.41	90.29	89.91	89.27	88.42	87.43	86.39	85.40	84.51	83.78
6	88.00	87.91	87.79	87.67	87.57	87.49	87.45	87.43	87.44	87.46	87.49	87.53	87.55
7	85.20	84.79	84.48	84.33	84.41	84.76	85.36	86.17	87.13	88.17	89.20	90.13	90.89
8	81.23	80.72	80.40	80.40	80.81	81.67	82.96	84.59	86.45	88.43	90.37	92.10	93.49
9	76.41	75.95	75.78	76.06	76.89	78.32	80.28	82.69	85.35	88.17	90.88	93.28	95.21
10	71.12	70.81	70.62	69.22	62.05	55.60	49.78	44.46	39.93	34.46	46.13	57.91	68.12
11	65.89	65.69	65.87	64.68	49.85	35.97	23.10	11.50	2.29	.00	9.95	26.32	44.13
12	61.19	61.04	61.45	60.58	48.03	34.86	22.88	12.30	3.62	9.19	11.88	28.30	45.64
13	57.30	57.15	57.61	58.50	50.44	38.51	28.16	19.98	16.47	18.04	24.89	36.31	51.63
14	54.51	54.22	54.56	55.67	55.08	46.10	37.76	32.55	30.78	32.95	39.09	48.67	60.78
15	53.02	52.41	52.46	53.28	54.63	55.64	50.22	46.36	45.54	47.92	53.93	61.66	72.00
16	52.88	51.81	51.39	51.74	52.98	55.04	57.52	59.61	60.58	62.89	67.78	74.01	77.93
17	54.02	52.37	51.35	51.08	51.46	53.08	55.24	57.92	60.98	64.24	67.45	70.32	72.79
18	56.28	53.98	52.28	51.32	51.19	51.89	53.36	55.46	58.00	60.74	63.45	65.92	67.97
19	59.39	56.47	54.10	52.43	51.57	51.54	52.29	53.70	55.59	57.75	59.97	62.03	63.77
20	63.09	59.65	56.69	54.37	52.81	52.10	52.16	52.90	54.17	55.76	57.48	59.14	60.56
21	67.18	63.31	59.87	57.03	54.89	53.58	53.06	53.21	53.91	54.99	56.29	57.51	58.63
22	71.25	67.16	63.45	60.24	57.73	55.97	55.00	54.69	54.92	55.55	56.40	57.31	58.15
23	75.08	70.99	67.22	63.93	61.22	59.18	57.91	57.28	57.17	57.45	57.97	58.58	59.16
24	78.48	74.63	71.04	67.85	65.19	63.11	61.66	60.85	60.52	60.56	60.83	61.20	61.56
25	81.36	77.94	74.73	71.86	69.44	67.51	66.09	65.18	64.76	64.65	64.74	64.93	65.11
26	83.66	80.83	78.17	75.78	73.75	72.12	70.90	70.08	69.58	69.39	69.38	69.43	69.48

TABLE 3.81 LOCAL ELEVATION TABLE 77

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	31.43	34.58	37.09	38.78	39.84	40.31	40.35	40.11	39.75	39.44	39.20	39.09	39.11
2	28.25	31.57	34.40	36.68	38.43	39.69	40.53	41.07	41.41	41.62	41.78	41.93	42.06
3	24.27	27.63	30.73	33.52	35.95	38.00	39.71	41.08	42.17	43.00	43.60	44.01	44.24
4	19.87	23.09	26.37	29.58	32.63	35.46	37.99	40.19	42.02	43.46	44.50	45.17	45.49
5	15.40	18.46	21.77	25.23	28.78	32.27	35.55	38.50	41.00	42.99	44.43	45.33	45.72
6	11.15	13.95	17.23	20.87	24.74	28.71	32.58	36.12	39.18	41.62	43.37	44.45	44.88
7	7.44	9.95	13.10	16.79	20.85	25.06	29.27	33.21	36.64	39.38	41.35	42.53	42.99
8	4.48	6.65	9.59	13.18	17.24	21.54	25.82	29.92	33.51	36.39	38.44	39.65	40.09
9	2.40	4.23	6.87	10.22	14.10	18.27	22.45	26.41	29.94	32.76	34.77	35.93	36.33
10	1.24	2.72	5.01	8.01	11.53	15.35	19.22	22.85	26.09	28.69	30.52	31.57	31.89
11	.94	2.09	3.99	6.53	9.55	12.86	16.22	19.39	22.15	24.36	25.92	26.79	27.03
12	1.39	2.24	3.69	5.71	8.14	10.81	13.53	16.09	18.32	20.08	21.30	21.95	22.11
13	2.36	2.95	3.97	5.42	7.20	9.18	11.18	13.07	14.71	15.99	16.87	17.32	17.40
14	3.63	3.98	4.62	5.50	6.65	7.92	9.20	10.42	11.46	12.28	12.82	13.09	13.12
15	4.98	5.13	5.42	5.82	6.35	6.97	7.60	8.19	8.70	9.09	9.35	9.48	9.48
16	6.19	6.19	6.19	6.19	6.22	6.29	6.37	6.44	6.51	6.57	6.61	6.64	6.66
17	7.19	7.08	6.86	6.54	6.16	5.82	5.48	5.18	4.93	4.75	4.67	4.66	4.72
18	7.82	7.64	7.27	6.76	6.13	5.52	4.92	4.38	3.95	3.66	3.52	3.52	3.65
19	8.08	7.86	7.43	6.82	6.09	5.36	4.65	4.02	3.53	3.21	3.08	3.14	3.33
20	8.01	7.78	7.36	6.76	6.05	5.34	4.64	4.03	3.58	3.31	3.23	3.34	3.59
21	7.69	7.49	7.12	6.61	6.03	5.42	4.84	4.34	3.99	3.80	3.79	3.94	4.20
22	7.21	7.07	6.80	6.45	6.04	5.61	5.20	4.86	4.65	4.56	4.61	4.78	5.02
23	6.70	6.63	6.50	6.31	6.10	5.88	5.67	5.52	5.43	5.42	5.47	5.59	5.75
24	6.24	6.24	6.24	6.23	6.22	6.21	6.19	6.19	6.19	6.19	6.19	6.19	6.19
25	5.86	5.94	6.06	6.23	6.41	6.58	6.74	6.85	6.88	6.83	6.69	6.49	6.25
26	5.60	5.75	5.98	6.29	6.63	6.97	7.24	7.40	7.40	7.23	6.90	6.44	5.93

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	39.21	39.36	39.49	39.52	39.41	39.16	38.80	38.44	38.15	38.01	38.09	38.43	39.03
2	42.16	42.20	42.15	41.98	41.67	41.27	40.80	40.39	40.06	39.91	39.99	40.33	40.92
3	44.30	44.20	43.95	43.57	43.08	42.54	42.02	41.57	41.24	41.11	41.20	41.53	42.09
4	45.50	45.25	44.81	44.23	43.58	42.95	42.39	41.93	41.64	41.54	41.65	41.98	42.49
5	45.67	45.29	44.67	43.91	43.15	42.46	41.87	41.45	41.21	41.17	41.32	41.64	42.09
6	44.78	44.28	43.51	42.62	41.80	41.06	40.49	40.13	39.97	40.00	40.20	40.51	40.90
7	42.83	42.23	41.36	40.41	39.54	38.82	38.30	38.01	37.99	38.06	38.31	38.63	38.98
8	39.89	39.23	38.31	37.35	36.49	35.81	35.36	35.17	35.21	35.41	35.71	36.07	36.39
9	36.09	35.41	34.49	33.57	32.77	32.17	31.82	31.74	31.88	32.16	32.53	32.91	33.20
10	31.69	30.97	30.10	29.28	28.58	28.08	27.85	27.87	28.10	28.45	28.88	29.27	29.56
11	26.77	26.16	25.40	24.70	24.12	23.76	23.63	23.75	24.09	24.45	24.91	25.31	25.58
12	21.87	21.36	20.74	20.13	19.67	19.41	19.39	19.57	19.91	20.35	20.79	21.17	21.44
13	17.19	16.80	16.32	15.88	15.56	15.41	15.45	15.66	15.99	16.39	16.78	17.11	17.34
14	12.96	12.69	12.38	12.10	11.91	11.84	11.90	12.09	12.35	12.66	12.96	13.21	13.39
15	9.40	9.26	9.11	8.97	8.88	8.86	8.90	9.01	9.16	9.32	9.49	9.62	9.72
16	6.67	6.66	6.65	6.63	6.61	6.59	6.56	6.54	6.53	6.51	6.49	6.48	6.47
17	4.82	4.94	5.09	5.11	5.12	5.06	4.93	4.75	4.59	4.31	4.09	3.91	3.78
18	3.84	4.06	4.25	4.36	4.37	4.24	3.99	3.64	3.22	2.78	2.36	2.01	1.79
19	3.60	3.89	4.13	4.26	4.23	4.03	3.66	3.15	2.56	1.93	1.39	.84	.46
20	3.91	4.23	4.48	4.60	4.54	4.27	3.81	3.20	2.49	1.75	1.05	.45	.00
21	4.53	4.84	5.08	5.17	5.06	4.77	4.28	3.65	2.92	2.17	1.46	.85	.39
22	5.30	5.58	5.76	5.82	5.70	5.39	4.92	4.38	3.77	3.13	2.59	2.03	1.64
23	5.92	6.08	6.19	6.20	6.12	5.92	5.62	5.25	4.91	4.55	4.21	3.92	3.70
24	6.19	6.19	6.19	6.19	6.19	6.19	6.19	6.19	6.25	6.33	6.40	6.46	6.51
25	6.04	5.87	5.78	5.80	5.95	6.23	6.69	7.19	7.74	8.40	9.01	9.54	9.95
26	5.48	5.13	4.96	5.03	5.39	6.04	6.96	8.07	9.34	10.67	11.93	13.01	13.84

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TABLE 3.82 LOCAL ELEVATION TABLE 78

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	31.99	36.25	39.81	42.54	44.36	45.30	45.47	45.00	44.08	42.88	41.56	40.28	39.09
2	32.32	36.68	40.32	43.09	44.92	45.84	45.96	45.43	44.43	43.14	41.74	40.39	39.13
3	32.06	36.42	40.05	42.78	44.54	45.38	45.40	44.79	43.72	42.40	41.02	39.72	38.53
4	31.01	35.25	38.75	41.33	42.95	43.64	43.55	42.85	41.76	40.49	39.26	38.15	37.22
5	29.07	33.06	36.30	38.63	40.01	40.51	40.28	39.53	38.47	37.39	36.42	35.65	35.16
6	26.28	29.88	32.74	34.72	35.79	36.06	35.68	34.90	33.98	33.18	32.58	32.32	32.43
7	22.81	25.90	28.27	29.81	30.52	30.53	30.02	29.25	28.57	28.10	27.98	28.33	29.17
8	18.97	21.44	23.24	24.29	24.61	24.36	23.74	23.09	22.63	22.54	22.96	23.99	25.62
9	15.33	17.13	18.32	18.86	18.81	18.33	17.64	17.00	16.67	16.98	17.95	19.64	22.03
10	12.10	13.24	13.85	13.91	13.51	12.83	12.09	11.55	11.46	12.04	13.42	15.67	18.71
11	9.65	10.16	10.23	9.86	9.18	8.35	7.60	7.17	7.31	8.19	9.94	12.57	16.01
12	8.29	8.24	7.84	7.14	6.25	5.34	4.63	4.33	4.64	5.73	7.70	10.53	14.13
13	8.22	7.71	6.95	6.01	5.01	4.11	3.48	3.30	3.76	4.94	6.93	9.72	13.19
14	9.51	8.65	7.65	6.59	5.59	4.77	4.26	4.21	4.72	5.89	7.73	10.22	13.25
15	12.05	10.99	9.87	8.81	7.89	7.22	6.87	6.94	7.46	8.98	10.00	11.97	14.30
16	15.64	14.48	13.36	12.39	11.65	11.18	11.02	11.19	11.67	12.46	13.51	14.78	16.20
17	19.95	18.79	17.76	16.96	16.45	16.22	16.26	16.51	16.91	17.40	17.90	18.38	18.76
18	24.66	23.63	22.79	22.22	21.94	21.93	22.11	22.39	22.69	22.84	22.75	22.40	21.74
19	29.49	28.57	27.93	27.59	27.57	27.78	28.12	28.50	28.67	28.49	27.83	26.65	24.93
20	33.75	33.05	32.62	32.51	32.70	33.10	33.61	34.02	34.07	33.60	32.46	30.62	28.09
21	37.27	36.75	36.49	36.57	36.93	37.46	38.10	38.51	38.46	37.77	36.30	34.00	30.92
22	39.81	39.43	39.33	39.53	40.00	40.63	41.30	41.69	41.58	40.76	39.12	36.60	33.25
23	41.30	41.09	41.04	41.31	41.82	42.47	43.12	43.48	43.33	42.48	40.83	38.32	35.01
24	41.81	41.64	41.68	41.97	42.45	43.05	43.64	43.95	43.79	43.00	41.48	39.20	36.20
25	41.49	41.37	41.42	41.67	42.08	42.59	43.07	43.32	43.18	42.52	41.25	39.35	36.87
26	40.57	40.47	40.50	40.68	40.98	41.35	41.71	41.90	41.79	41.30	40.36	38.95	37.11

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	38.03	37.13	36.39	35.81	35.36	35.07	34.89	34.77	34.71	34.71	34.76	34.84	34.95
2	38.02	37.07	36.30	35.68	35.29	34.96	34.76	34.69	34.57	34.57	34.61	34.70	34.82
3	37.53	36.71	36.07	35.58	35.29	35.12	35.00	34.92	34.87	34.86	34.88	34.93	35.01
4	36.50	36.01	35.70	35.53	35.56	35.62	35.67	35.70	35.70	35.67	35.64	35.61	35.61
5	34.99	34.98	35.21	35.55	36.03	36.46	36.78	36.98	37.05	37.01	36.91	36.76	36.60
6	32.89	33.65	34.58	35.62	36.67	37.57	38.24	38.66	38.83	38.78	38.58	38.27	37.92
7	30.45	32.09	33.82	35.68	37.40	38.89	39.91	40.57	40.85	40.80	40.48	40.00	39.42
8	27.75	30.29	32.91	35.62	38.07	40.10	41.61	42.55	42.95	42.89	42.45	41.77	40.95
9	24.99	28.31	31.84	35.32	38.99	41.02	42.93	44.12	44.63	44.54	43.99	43.13	42.09
10	22.34	26.36	30.57	34.66	38.31	41.31	43.52	44.89	45.47	45.36	44.73	43.73	42.54
11	20.07	24.50	29.10	33.55	37.50	40.72	43.08	44.53	45.13	45.00	44.31	43.24	41.99
12	18.32	22.83	27.45	31.93	35.87	39.07	41.39	42.80	43.36	43.19	42.49	41.44	40.26
13	17.16	21.39	25.65	29.79	33.41	36.30	38.37	39.59	40.03	39.89	39.17	38.24	37.27
14	16.67	20.26	23.80	27.22	30.17	32.49	34.10	34.99	35.25	35.01	34.43	33.73	33.10
15	16.85	19.98	22.02	24.35	26.36	27.86	28.83	29.28	29.29	29.01	28.57	28.22	28.00
16	17.67	19.10	20.90	21.99	22.29	22.78	22.97	22.89	22.63	22.32	22.12	22.10	22.36
17	19.02	19.13	19.07	18.89	18.99	17.90	17.28	16.69	16.08	15.71	15.63	15.92	16.67
18	20.78	19.57	18.16	16.62	15.03	13.50	12.10	10.93	10.11	9.70	9.79	10.99	11.68
19	22.81	20.90	17.76	15.05	12.91	9.98	7.89	6.27	5.21	4.78	5.03	5.99	7.65
20	24.97	21.58	17.97	14.32	10.85	7.71	5.09	3.12	1.88	1.93	1.81	3.01	5.01
21	27.17	23.07	18.81	14.55	10.53	6.99	3.99	1.79	.99	.00	.97	1.82	4.01
22	29.22	24.79	20.26	15.79	11.50	7.75	4.67	2.91	1.09	.61	1.12	2.53	4.77
23	31.05	26.48	22.23	17.82	13.69	10.05	7.07	4.88	3.57	3.17	3.67	5.03	7.20
24	32.62	28.45	24.61	20.62	16.88	13.59	10.90	8.93	7.79	7.38	7.83	9.06	11.01
25	33.91	30.62	27.21	23.89	20.79	18.05	15.79	14.13	13.12	12.80	13.17	14.20	15.84
26	34.92	32.48	29.93	27.47	25.15	23.08	21.38	20.11	19.32	19.06	19.32	20.11	21.38

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TABLE 3.83 LOCAL ELEVATION TABLE 79

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	5.20	5.14	5.16	5.26	5.45	5.71	6.01	6.31	6.52	6.58	6.43	6.09	5.41
2	4.32	4.23	4.22	4.29	4.44	4.70	5.00	5.29	5.50	5.56	5.41	5.04	4.44
3	3.50	3.40	3.38	3.44	3.61	3.86	4.16	4.49	4.64	4.70	4.56	4.20	3.61
4	2.92	2.82	2.80	2.88	3.05	3.31	3.61	3.90	4.11	4.17	4.03	3.65	3.05
5	2.74	2.66	2.65	2.75	2.94	3.22	3.54	3.85	4.07	4.13	3.98	3.58	2.94
6	3.17	3.10	3.12	3.23	3.45	3.75	4.10	4.42	4.65	4.71	4.55	4.12	3.45
7	4.33	4.28	4.32	4.46	4.70	5.02	5.38	5.72	5.95	6.01	6.84	5.40	4.70
8	6.32	6.28	6.33	6.49	6.74	7.07	7.44	7.77	8.01	8.07	7.89	7.45	6.74
9	9.11	9.09	9.15	9.31	9.56	9.89	10.24	10.57	10.79	10.85	10.67	10.24	9.56
10	12.61	12.60	12.66	12.81	13.05	13.36	13.69	13.99	14.19	14.24	14.08	13.68	13.05
11	16.65	16.63	16.69	16.83	17.05	17.32	17.61	17.87	18.04	18.08	17.94	17.60	17.05
12	20.99	20.98	21.03	21.15	21.33	21.54	21.77	21.99	22.13	22.16	22.05	21.76	21.31
13	25.98	25.97	25.51	25.60	25.74	25.90	26.07	26.23	26.33	26.35	26.27	26.05	25.72
14	29.71	29.70	29.73	29.80	29.89	30.00	30.11	30.21	30.28	30.29	30.23	30.09	29.88
15	33.41	33.42	33.45	33.49	33.55	33.61	33.67	33.71	33.74	33.74	33.71	33.65	33.55
16	36.41	36.44	36.47	36.50	36.53	36.54	36.55	36.55	36.55	36.54	36.54	36.53	36.53
17	38.59	38.64	38.68	38.70	38.70	38.69	38.66	38.63	38.60	38.59	38.61	38.65	38.72
18	39.93	40.01	40.05	40.07	40.05	40.01	39.95	39.90	39.86	39.85	39.88	39.95	40.07
19	40.50	40.59	40.64	40.64	40.61	40.55	40.48	40.42	40.38	40.37	40.41	40.50	40.63
20	40.41	40.51	40.55	40.54	40.50	40.43	40.36	40.29	40.25	40.25	40.29	40.38	40.52
21	39.84	39.93	39.95	39.92	39.86	39.79	39.72	39.66	39.63	39.63	39.67	39.76	39.89
22	38.97	39.02	39.00	38.95	38.88	38.80	38.74	38.69	38.67	38.67	38.71	38.79	38.89
23	37.98	37.96	37.89	37.80	37.71	37.64	37.58	37.55	37.54	37.55	37.59	37.65	37.72
24	37.06	36.96	36.83	36.70	36.59	36.51	36.47	36.46	36.47	36.50	36.53	36.56	36.59
25	36.25	36.06	35.87	35.71	35.59	35.51	35.49	35.51	35.56	35.59	35.62	35.61	35.58
26	35.61	35.34	35.10	34.92	34.80	34.75	34.76	34.81	34.87	34.92	34.93	34.89	34.79

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	4.61	3.79	3.11	2.69	2.72	3.35	4.68	6.78	9.61	13.08	17.01	21.18	25.46
2	3.68	2.94	2.34	2.02	2.13	2.83	4.23	6.37	9.23	12.70	16.62	20.78	25.03
3	2.87	2.08	1.96	1.16	1.31	2.04	3.48	5.67	8.58	12.12	16.09	20.33	24.66
4	2.29	1.47	.75	.38	.50	1.24	2.70	4.93	7.90	11.51	15.58	19.99	24.40
5	2.13	1.26	.49	.00	.01	.72	2.16	4.41	7.43	11.10	15.33	19.84	24.39
6	2.59	1.66	.82	.27	.19	.77	2.17	4.40	7.42	11.17	15.46	20.02	24.57
7	3.80	2.83	1.94	1.33	1.19	1.70	3.00	5.16	8.15	11.86	16.10	20.61	25.12
8	5.84	4.85	3.94	3.29	3.10	3.55	4.76	6.80	9.66	13.23	17.31	21.67	26.03
9	8.68	7.72	6.83	6.19	5.97	6.39	7.94	9.33	11.98	15.30	19.12	23.19	27.27
10	12.25	11.36	10.53	9.92	9.70	10.01	10.98	12.68	15.09	18.01	21.94	25.10	28.76
11	16.34	15.57	14.84	14.31	14.12	14.42	15.27	16.72	18.73	21.25	24.19	27.27	30.91
12	20.74	20.11	19.56	19.17	19.05	19.29	19.98	21.14	22.76	24.79	27.11	29.58	32.13
13	25.29	24.84	24.44	24.16	24.07	24.25	24.76	25.62	26.83	28.33	30.04	31.86	33.74
14	29.61	29.32	29.07	28.89	28.84	28.97	29.30	29.86	30.64	31.60	32.70	33.87	35.07
15	33.42	33.29	33.17	33.09	33.07	33.14	33.30	33.57	33.93	34.39	34.91	35.46	36.02
16	36.52	36.52	36.52	36.52	36.52	36.52	36.53	36.53	36.53	36.53	36.53	36.53	36.53
17	38.80	38.90	39.00	39.06	39.08	39.03	38.89	38.66	38.35	37.96	37.51	37.06	36.63
18	40.21	40.38	40.53	40.64	40.66	40.55	40.30	39.90	39.34	38.66	37.89	37.11	36.36
19	40.81	41.01	41.19	41.30	41.31	41.16	40.83	40.31	39.60	38.74	37.77	36.80	35.88
20	40.70	40.90	41.07	41.18	41.17	40.99	40.63	40.06	39.29	38.36	37.39	36.31	35.36
21	40.04	40.22	40.37	40.45	40.42	40.24	39.88	39.34	38.61	37.75	36.89	35.93	35.07
22	39.01	39.15	39.25	39.31	39.27	39.11	38.82	38.38	37.83	37.20	36.50	35.79	35.13
23	37.79	37.87	37.93	37.95	37.92	37.83	37.68	37.45	37.14	36.81	36.43	36.09	35.68
24	36.60	36.61	36.61	36.60	36.60	36.61	36.63	36.65	36.68	36.72	36.76	36.80	36.83
25	35.52	35.45	35.38	35.36	35.39	35.51	35.74	36.07	36.51	37.02	37.57	38.12	38.62
26	34.64	34.47	34.33	34.27	34.35	34.60	35.07	35.76	36.66	37.71	38.85	39.98	41.00

TABLE 3.84 LOCAL ELEVATION TABLE : 80

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	42.01	42.20	42.46	42.76	43.00	43.15	43.18	43.09	42.89	42.62	42.30	41.96	41.63
2	40.38	40.57	40.86	41.18	41.45	41.61	41.65	41.57	41.38	41.13	40.83	40.54	40.27
3	37.62	37.82	38.12	38.46	38.76	38.96	39.04	39.01	38.88	38.68	38.46	38.24	38.04
4	33.84	34.04	34.35	34.71	35.05	35.31	35.46	35.52	35.49	35.40	35.28	35.16	35.06
5	29.24	29.43	29.75	30.12	30.51	30.84	31.10	31.27	31.38	31.43	31.45	31.45	31.46
6	24.12	24.30	24.61	25.00	25.43	25.84	26.21	26.53	26.78	26.99	27.16	27.30	27.42
7	18.90	19.08	19.40	19.82	20.28	20.76	21.22	21.65	22.03	22.37	22.66	22.92	23.13
8	14.12	14.28	14.58	14.99	15.46	15.98	16.49	17.00	17.47	17.91	18.30	18.62	18.88
9	10.04	10.17	10.44	10.82	11.27	11.77	12.29	12.81	13.31	13.77	14.18	14.53	14.81
10	7.02	7.13	7.36	7.68	8.06	8.48	8.92	9.37	9.79	10.19	10.54	10.84	11.07
11	5.37	5.47	5.64	5.87	6.12	6.39	6.66	6.92	7.16	7.37	7.56	7.71	7.83
12	5.27	5.35	5.46	5.56	5.64	5.67	5.66	5.62	5.54	5.45	5.36	5.27	5.21
13	6.74	6.82	6.86	6.81	6.65	6.37	5.98	5.52	5.00	4.49	4.00	3.59	3.27
14	9.66	9.76	9.71	9.48	9.04	8.38	7.54	6.56	5.51	4.46	3.49	2.66	2.02
15	13.78	13.89	13.76	13.34	12.59	11.51	10.15	8.58	6.92	5.27	3.79	2.49	1.44
16	18.72	18.85	18.69	18.02	16.94	15.43	13.53	11.36	9.05	6.76	4.69	2.83	1.43
17	24.08	24.23	23.94	23.12	21.72	19.78	17.35	14.59	11.65	8.73	6.07	3.80	2.02
18	29.55	29.72	29.37	28.38	26.70	24.34	21.41	18.05	14.50	11.07	7.88	5.13	2.95
19	34.50	34.69	34.28	33.16	31.25	28.58	25.24	21.43	17.37	13.46	9.80	6.62	4.08
20	38.58	38.78	38.34	37.12	35.05	32.15	28.53	24.38	19.95	15.66	11.69	8.11	5.27
21	41.56	41.77	41.31	40.03	37.87	34.84	31.06	26.71	22.05	17.51	13.24	9.46	6.37
22	43.36	43.58	43.11	41.82	39.64	36.57	32.72	28.30	23.55	18.88	14.47	10.54	7.28
23	44.05	44.27	43.81	42.54	40.38	37.33	33.52	29.12	24.38	19.69	15.25	11.26	7.90
24	43.81	44.02	43.58	42.34	40.22	37.25	33.52	29.21	24.55	19.92	15.52	11.54	8.17
25	42.86	43.07	42.64	41.44	39.38	36.49	32.85	28.64	24.10	19.58	15.27	11.36	8.04
26	41.50	41.71	41.29	40.10	38.08	35.24	31.68	27.55	23.11	18.69	14.49	10.70	7.50

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	41.34	41.11	40.96	40.91	40.97	41.15	41.43	41.81	42.24	42.71	43.12	43.39	43.45
2	40.09	39.87	39.77	39.75	39.81	39.95	40.15	40.41	40.69	40.98	41.22	41.38	41.40
3	37.89	37.78	37.74	37.74	37.79	37.88	37.99	38.12	38.25	38.37	38.47	38.52	38.51
4	34.99	34.95	34.94	34.96	34.98	35.02	35.09	35.05	35.09	35.02	34.98	34.96	34.94
5	31.47	31.49	31.51	31.53	31.52	31.49	31.42	31.32	31.20	31.07	30.96	30.88	30.87
6	27.51	27.58	27.62	27.61	27.56	27.46	27.32	27.13	26.92	26.73	26.56	26.46	26.45
7	23.29	23.39	23.43	23.40	23.30	23.14	22.93	22.69	22.44	22.22	22.09	21.93	21.93
8	19.06	19.17	19.19	19.14	19.01	18.83	18.60	18.35	18.10	17.88	17.71	17.62	17.62
9	14.99	15.09	15.10	15.04	14.90	14.71	14.49	14.25	14.03	13.84	13.70	13.64	13.65
10	11.22	11.30	11.30	11.23	11.11	10.96	10.78	10.60	10.43	10.30	10.22	10.18	10.21
11	7.91	7.94	7.94	7.90	7.83	7.74	7.65	7.56	7.49	7.44	7.41	7.41	7.44
12	5.16	5.14	5.13	5.14	5.16	5.19	5.22	5.26	5.31	5.35	5.39	5.42	5.43
13	3.05	2.95	2.95	3.03	3.17	3.35	3.55	3.74	3.92	4.06	4.16	4.20	4.19
14	1.60	1.40	1.40	1.56	1.85	2.20	2.59	2.95	3.27	3.51	3.66	3.71	3.66
15	.77	.45	.44	.69	1.13	1.67	2.24	2.78	3.23	3.56	3.75	3.80	3.71
16	.50	.03	.00	.32	.89	1.60	2.36	3.05	3.62	4.02	4.24	4.27	4.19
17	.81	.16	.05	.36	1.00	1.85	2.74	3.57	4.24	4.70	4.93	4.95	4.77
18	1.45	.61	.40	.70	1.38	2.27	3.27	4.20	4.94	5.43	5.66	5.65	5.44
19	2.29	1.25	.90	1.14	1.79	2.69	3.72	4.67	5.43	5.92	6.13	6.09	5.86
20	3.21	1.95	1.44	1.55	2.12	2.95	3.93	4.85	5.57	6.03	6.21	6.15	5.91
21	4.08	2.61	1.91	1.85	2.28	2.99	3.85	4.68	5.33	5.73	5.87	5.79	5.56
22	4.81	3.15	2.26	2.01	2.25	2.80	3.50	4.21	4.76	5.09	5.19	5.09	4.88
23	5.31	3.50	2.44	2.02	2.09	2.47	3.00	3.59	4.04	4.29	4.35	4.25	4.06
24	5.53	3.64	2.47	1.92	1.85	2.10	2.59	3.08	3.45	3.66	3.68	3.58	3.39
25	5.42	3.54	2.35	1.77	1.65	1.90	2.36	2.81	3.15	3.32	3.33	3.22	3.04
26	4.99	3.21	2.12	1.62	1.58	1.96	2.48	2.98	3.39	3.53	3.54	3.42	3.23

TABLE 3.85 LOCAL ELEVATION TABLE #1

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	41.22	41.39	40.89	39.62	37.49	34.56	30.93	26.78	22.35	18.07	14.05	10.53	7.69
2	41.56	41.64	41.04	39.64	37.41	34.39	30.71	26.54	22.12	17.83	13.81	10.27	7.40
3	42.02	42.02	41.28	39.73	37.37	34.22	30.43	26.18	21.71	17.36	13.31	9.73	6.80
4	42.55	42.45	41.57	39.87	37.35	34.08	30.18	25.83	21.28	16.84	12.70	9.04	6.04
5	43.06	42.88	41.88	40.03	37.36	33.98	29.99	25.59	20.97	16.38	12.16	8.42	5.33
6	43.39	43.15	42.07	40.13	37.39	33.96	29.95	25.53	20.91	16.30	11.94	8.09	4.91
7	43.42	43.16	42.07	40.14	37.42	34.06	30.13	25.79	21.23	16.67	12.31	8.36	5.03
8	43.07	42.84	41.82	40.01	37.45	34.28	30.56	26.43	22.05	17.62	13.34	9.39	5.96
9	42.30	42.14	41.29	39.73	37.48	34.65	31.29	27.50	23.43	19.24	15.12	11.22	7.73
10	41.12	41.08	40.48	39.29	37.49	35.16	32.30	29.00	25.37	21.54	17.65	13.86	10.34
11	39.59	39.70	39.43	38.72	37.49	35.78	33.56	30.87	27.78	24.40	20.84	17.23	13.71
12	37.83	38.12	38.23	38.05	37.48	36.47	34.97	32.98	30.54	27.69	24.52	21.14	17.66
13	36.11	36.52	37.01	37.37	37.47	37.21	36.47	35.23	33.47	31.20	28.46	25.35	21.96
14	34.51	35.05	35.88	36.74	37.46	37.92	37.96	37.47	36.41	34.75	32.50	29.70	26.44
15	33.17	33.82	34.91	36.20	37.46	38.56	39.27	39.47	39.06	37.98	36.22	33.77	30.70
16	32.22	32.94	34.21	35.81	37.46	39.06	40.31	41.07	41.22	40.66	39.35	37.27	34.45
17	31.76	32.50	33.84	35.59	37.48	39.38	41.01	42.17	42.75	42.62	41.71	39.99	37.48
18	31.82	32.52	33.83	35.56	37.51	39.52	41.32	42.72	43.57	43.77	43.20	41.83	39.65
19	32.37	32.97	34.16	35.75	37.56	39.48	41.26	42.71	43.70	44.10	43.81	42.77	40.96
20	33.32	33.79	34.75	36.08	37.62	39.27	40.87	42.23	43.22	43.72	43.63	42.88	41.45
21	34.55	34.86	35.53	36.50	37.67	38.93	40.22	41.37	42.25	42.76	42.81	42.32	41.27
22	35.90	36.03	36.39	36.96	37.69	38.53	39.42	40.27	40.97	41.43	41.55	41.29	40.60
23	37.20	37.16	37.22	37.39	37.68	38.09	38.56	39.09	39.56	39.91	40.07	39.98	39.62
24	38.35	38.14	37.91	37.73	37.63	37.63	37.75	37.98	38.24	38.48	38.64	38.67	38.55
25	39.21	38.88	38.42	37.95	37.53	37.21	37.02	37.00	37.07	37.20	37.35	37.48	37.56
26	39.68	39.28	38.69	38.01	37.39	36.85	36.45	36.23	36.15	36.18	36.31	36.50	36.73

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	5.64	4.38	3.87	3.98	4.55	5.38	6.35	7.32	8.11	8.64	8.90	8.92	8.75
2	5.30	4.01	3.47	3.59	4.23	5.21	6.37	7.63	8.83	9.85	10.64	11.21	11.58
3	4.65	3.31	2.77	2.94	3.69	4.89	6.37	7.99	9.68	11.29	12.73	13.96	14.97
4	3.82	2.44	1.89	2.12	3.01	4.45	6.29	8.39	10.61	12.87	15.01	16.96	18.66
5	3.02	1.58	1.00	1.26	2.28	3.95	6.13	8.69	11.47	14.37	17.25	19.96	22.39
6	2.50	.96	.31	.54	1.61	3.43	5.87	8.81	12.08	15.53	19.08	22.48	25.57
7	2.49	.79	.00	.12	1.13	2.96	5.52	8.68	12.30	16.18	20.21	24.16	27.81
8	3.21	1.28	.25	.13	.93	2.61	5.10	8.28	12.02	16.13	20.42	24.75	28.79
9	4.80	2.56	1.19	.70	1.12	2.44	4.64	7.61	11.23	15.31	19.63	24.09	28.32
10	7.23	4.68	2.86	1.87	1.75	2.53	4.21	6.73	9.97	13.76	17.90	22.21	26.41
11	10.43	7.55	5.24	3.66	2.86	2.94	3.91	5.75	8.39	11.66	15.37	19.30	23.26
12	14.24	11.02	8.22	5.99	4.45	3.70	3.83	4.85	6.70	9.26	12.35	15.73	19.26
13	18.43	14.92	11.66	8.78	6.47	4.87	4.09	4.20	5.16	6.90	9.23	12.02	14.99
14	22.82	19.04	15.36	11.90	8.87	6.46	4.80	4.00	4.06	4.95	6.60	8.73	11.11
15	27.12	23.18	19.12	15.21	11.59	8.49	6.06	4.43	3.69	3.85	4.73	6.17	7.94
16	30.99	27.09	22.79	18.57	14.55	10.94	7.92	5.64	4.27	3.73	3.94	4.73	5.92
17	34.29	30.41	26.20	21.85	17.66	13.77	10.39	7.69	5.84	4.78	4.44	4.69	5.38
18	36.73	33.18	29.18	24.95	20.82	16.92	13.44	10.54	8.42	7.02	6.30	6.16	6.44
19	38.43	35.28	31.68	27.81	23.96	20.28	16.95	14.11	11.89	10.37	9.45	9.05	9.06
20	39.38	36.74	33.67	30.33	26.96	23.73	20.77	18.21	16.13	14.60	13.65	13.14	12.96
21	39.69	37.62	35.18	32.49	29.76	27.13	24.78	22.58	20.84	19.52	18.58	18.06	17.83
22	39.50	38.02	36.25	34.28	32.26	30.32	28.53	26.96	25.67	24.67	23.97	23.51	23.23
23	38.92	38.07	36.95	35.70	34.41	33.18	32.04	31.05	30.25	29.65	29.22	28.93	28.74
24	38.27	37.88	37.36	36.77	36.16	35.58	35.06	34.63	34.30	34.07	33.92	33.83	33.76
25	37.59	37.57	37.55	37.50	37.46	37.44	37.45	37.49	37.57	37.67	37.78	37.87	37.90
26	36.98	37.25	37.59	37.95	38.34	38.73	39.14	39.55	39.93	40.29	40.58	40.79	40.90

TABLE 3.86 LOCAL ELEVATION TABLE 82

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	38.97	39.28	39.48	39.27	38.82	38.39	38.05	37.87	37.89	38.07	38.32	38.52	38.57
2	36.12	37.49	38.32	38.75	38.90	38.94	38.99	39.09	39.24	39.44	39.63	39.72	39.65
3	33.13	35.11	36.66	37.83	38.70	39.37	39.90	40.32	40.66	40.91	41.04	41.00	40.78
4	29.62	32.21	34.49	36.46	38.12	39.48	40.56	41.36	41.91	42.20	42.25	42.07	41.68
5	25.71	28.86	31.86	34.62	37.07	39.13	40.76	41.95	42.70	43.04	43.02	42.70	42.14
6	21.66	25.21	28.83	32.30	35.46	38.16	40.32	41.87	42.82	43.21	43.12	42.66	41.95
7	17.57	21.43	25.48	29.52	33.26	36.50	39.10	40.96	42.08	42.52	42.38	41.81	40.96
8	13.61	17.63	21.91	26.33	30.48	34.11	37.03	39.13	40.38	40.86	40.69	40.03	39.09
9	9.95	13.95	18.33	22.86	27.21	31.09	34.13	36.37	37.70	38.21	38.03	37.33	36.33
10	6.80	10.65	14.92	19.31	23.58	27.41	30.52	32.78	34.14	34.67	34.50	33.80	32.78
11	4.41	7.89	11.82	15.90	19.84	23.42	26.38	28.55	29.87	30.41	30.26	29.61	28.62
12	2.88	5.64	9.24	12.80	16.26	19.38	21.96	23.92	25.15	25.67	25.57	24.99	24.09
13	2.34	4.66	7.34	10.19	12.99	15.54	17.67	19.28	20.31	20.78	20.74	20.29	19.55
14	2.87	4.44	6.28	8.27	10.25	12.08	13.64	14.86	15.67	16.07	16.10	15.79	15.22
15	4.48	5.24	6.16	7.17	8.21	9.21	10.11	10.85	11.39	11.71	11.80	11.66	11.30
16	7.11	7.04	6.97	6.95	6.98	7.08	7.25	7.46	7.70	7.91	8.06	8.09	7.97
17	10.60	9.70	8.67	7.59	6.59	5.76	5.16	4.82	4.72	4.81	5.00	5.22	5.36
18	14.70	13.04	11.07	8.98	6.98	5.23	3.87	2.97	2.53	2.48	2.72	3.11	3.51
19	19.13	16.75	13.94	10.93	8.00	5.40	3.33	1.90	1.12	.93	1.20	1.75	2.41
20	23.65	20.67	17.06	13.21	9.56	6.27	3.58	1.65	.50	.09	.37	1.06	1.95
21	27.72	24.31	20.14	15.64	11.37	7.49	4.29	1.96	.55	.00	.18	.94	2.02
22	30.96	27.28	22.75	17.83	13.12	8.84	5.28	2.65	1.03	.37	.53	1.29	2.46
23	33.07	29.31	24.63	19.50	14.60	10.10	6.35	3.55	1.81	1.07	1.19	1.97	3.16
24	33.85	30.17	25.56	20.48	15.60	11.11	7.34	4.51	2.72	1.94	2.03	2.79	3.98
25	33.21	29.79	25.46	20.66	16.02	11.75	8.14	5.91	3.66	2.86	2.91	3.61	4.74
26	31.23	28.20	24.33	20.02	15.83	11.96	8.66	6.16	4.52	3.76	3.76	4.36	5.38

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	38.38	37.92	37.22	36.37	35.53	34.97	34.81	35.23	36.36	38.26	40.93	44.27	48.09
2	39.35	38.82	38.08	37.26	36.54	36.04	35.93	36.34	37.41	39.17	41.61	44.62	48.03
3	40.35	39.74	38.98	38.23	37.59	37.17	37.10	37.52	38.48	40.03	42.12	44.67	47.52
4	41.12	40.42	39.67	38.99	38.43	38.11	38.10	38.50	39.34	40.63	42.33	44.35	46.54
5	41.43	40.66	39.94	39.30	38.84	38.61	38.66	39.04	39.76	40.79	42.09	43.57	45.14
6	41.11	40.29	39.55	38.96	38.58	38.43	38.54	38.91	39.52	40.33	41.28	42.30	43.32
7	40.02	39.14	38.38	37.81	37.48	37.40	37.55	37.91	38.45	39.09	39.80	40.51	41.11
8	38.06	37.12	36.32	35.76	35.46	35.41	35.59	35.96	36.46	37.03	37.63	38.16	38.56
9	35.24	34.25	33.42	32.83	32.52	32.48	32.68	33.06	33.57	34.15	34.76	35.30	35.73
10	31.66	30.63	29.76	29.14	28.80	28.74	28.93	29.33	29.90	30.56	31.28	32.01	32.70
11	27.51	26.47	25.57	24.90	24.51	24.40	24.57	25.00	25.64	26.46	27.41	28.45	29.54
12	23.03	22.01	21.11	20.39	19.94	19.77	19.91	20.35	21.08	22.08	23.32	24.77	26.40
13	18.63	17.66	16.75	15.99	15.46	15.20	15.28	15.71	16.52	17.70	19.29	21.12	23.29
14	14.47	13.63	12.78	12.03	11.45	11.13	11.14	11.52	12.35	13.63	15.39	17.64	20.30
15	10.76	10.10	9.37	8.66	8.07	7.70	7.63	7.96	8.77	10.10	11.98	14.47	17.49
16	7.69	7.25	6.69	6.08	5.51	5.10	4.96	5.21	5.95	7.25	9.16	11.72	14.91
17	5.36	5.19	4.84	4.37	3.87	3.96	3.26	3.41	4.02	5.19	6.98	9.47	12.60
18	3.82	3.94	3.84	3.56	3.16	2.76	2.51	2.54	2.98	3.94	5.49	7.72	10.59
19	3.01	3.43	3.61	3.54	3.27	2.93	2.64	2.54	2.77	3.44	4.65	6.48	8.89
20	2.83	3.55	4.00	4.15	4.09	3.77	3.45	3.22	3.22	3.56	4.37	5.67	7.50
21	3.14	4.12	4.83	5.20	5.25	5.06	4.73	4.38	4.14	4.16	4.50	5.23	6.39
22	3.77	4.96	5.88	6.46	6.68	6.58	6.24	5.78	5.35	5.03	4.90	5.06	5.56
23	4.55	5.93	7.04	7.80	8.15	8.13	7.81	7.27	6.61	5.97	5.43	5.06	4.95
24	5.39	6.83	8.05	8.91	9.37	9.43	9.13	8.54	7.75	6.83	5.95	5.15	4.53
25	6.10	7.53	8.74	9.68	10.20	10.32	10.04	9.46	8.59	7.52	6.36	5.26	4.28
26	6.61	7.95	9.14	10.04	10.59	10.76	10.54	9.97	9.08	7.94	6.65	5.34	4.13

TABLE 3.87 LOCAL ELEVATION TABLE B3

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	3.57	3.47	3.29	3.10	2.95	2.89	2.93	3.06	3.23	3.39	3.48	3.44	3.24
2	3.59	3.47	3.26	3.03	2.85	2.78	2.83	2.99	3.20	3.41	3.52	3.47	3.22
3	4.20	4.07	3.82	3.57	3.37	3.29	3.36	3.54	3.79	4.02	4.15	4.09	3.80
4	5.51	5.37	5.11	4.84	4.63	4.55	4.62	4.82	5.09	5.35	5.49	5.43	5.11
5	7.58	7.44	7.17	6.89	6.68	6.61	6.68	6.89	7.18	7.44	7.59	7.53	7.21
6	10.38	10.24	9.99	9.72	9.52	9.45	9.53	9.74	10.01	10.27	10.42	10.37	10.06
7	13.81	13.68	13.45	13.20	13.02	12.97	13.05	13.24	13.51	13.75	13.89	13.85	13.56
8	17.70	17.58	17.39	17.18	17.03	16.98	17.06	17.24	17.47	17.69	17.82	17.78	17.55
9	21.83	21.74	21.58	21.44	21.34	21.31	21.38	21.51	21.69	21.88	21.99	21.97	21.78
10	26.08	26.01	25.90	25.80	25.74	25.73	25.78	25.88	26.02	26.17	26.25	26.25	26.11
11	30.07	30.03	29.96	29.90	29.86	29.86	29.90	29.97	30.07	30.16	30.23	30.23	30.15
12	33.56	33.54	33.51	33.49	33.48	33.48	33.50	33.54	33.58	33.63	33.66	33.67	33.64
13	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39
14	38.44	38.45	38.47	38.49	38.49	38.48	38.46	38.42	38.37	38.33	38.31	38.30	38.32
15	39.69	39.70	39.73	39.76	39.76	39.74	39.69	39.61	39.53	39.46	39.40	39.38	39.40
16	40.18	40.21	40.24	40.26	40.25	40.22	40.14	40.09	39.93	39.83	39.75	39.72	39.73
17	40.05	40.08	40.10	40.11	40.10	40.04	39.95	39.84	39.71	39.60	39.51	39.46	39.45
18	39.44	39.46	39.48	39.48	39.45	39.39	39.30	39.18	39.06	38.95	38.85	38.79	38.78
19	38.51	38.53	38.54	38.53	38.50	38.45	38.37	38.27	38.17	38.07	37.99	37.94	37.91
20	37.45	37.46	37.46	37.46	37.44	37.42	37.38	37.33	37.28	37.23	37.18	37.15	37.14
21	36.45	36.45	36.46	36.46	36.47	36.47	36.48	36.49	36.49	36.50	36.51	36.51	36.52
22	35.57	35.56	35.57	35.59	35.63	35.68	35.75	35.82	35.90	35.97	36.04	36.10	36.13
23	34.90	34.88	34.89	34.94	35.01	35.12	35.24	35.39	35.54	35.68	35.81	35.92	36.00
24	34.48	34.46	34.48	34.55	34.66	34.81	35.00	35.20	35.41	35.62	35.81	35.97	36.08
25	34.36	34.33	34.36	34.44	34.58	34.77	34.99	35.23	35.48	35.73	35.96	36.15	36.29
26	34.52	34.49	34.52	34.62	34.76	34.95	35.18	35.43	35.68	35.93	36.19	36.40	36.57

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	2.87	2.35	1.76	1.20	.78	.64	.89	1.63	2.89	4.64	6.82	9.35	12.05
2	2.75	2.11	1.38	.68	.17	.00	.31	1.21	2.75	4.93	7.66	10.79	14.14
3	3.27	2.53	1.68	.88	.29	.09	.45	1.48	3.27	5.78	8.93	12.54	16.40
4	4.53	3.73	2.81	1.94	1.30	1.08	1.47	2.60	4.53	7.26	10.68	14.60	18.80
5	6.61	5.79	4.85	3.95	3.29	3.07	3.47	4.62	6.61	9.44	12.95	16.97	21.27
6	9.48	8.68	7.77	6.90	6.25	6.04	6.42	7.55	9.53	12.28	15.69	19.60	23.78
7	13.04	12.30	11.46	10.66	10.07	9.87	10.29	11.33	13.15	15.67	18.81	22.40	26.23
8	17.09	16.46	15.73	15.04	14.53	14.40	14.77	15.71	17.28	19.45	22.16	25.26	28.56
9	21.91	20.90	20.32	19.81	19.46	19.37	19.66	20.42	21.67	23.41	25.58	28.06	30.71
10	25.85	25.48	25.06	24.70	24.44	24.38	24.59	25.13	26.04	27.31	28.88	30.68	32.61
11	29.99	29.76	29.50	29.27	29.11	29.07	29.20	29.54	30.11	30.90	31.88	33.00	34.21
12	33.57	33.46	33.35	33.24	33.17	33.15	33.21	33.36	33.62	33.98	34.42	34.93	35.47
13	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39	36.39
14	38.36	38.43	38.50	38.59	38.65	38.67	38.64	38.53	38.35	38.08	37.75	37.37	36.96
15	39.47	39.57	39.69	39.82	39.92	39.96	39.91	39.74	39.45	39.03	38.49	37.88	37.23
16	39.79	39.90	40.04	40.18	40.30	40.35	40.29	40.10	39.77	39.29	38.69	37.99	37.24
17	39.50	39.60	39.72	39.86	39.97	40.02	39.92	39.79	39.48	39.03	38.46	37.80	37.09
18	38.80	38.87	38.97	39.08	39.17	39.21	39.17	39.03	38.78	38.42	37.96	37.42	36.85
19	37.92	37.96	38.03	38.10	38.17	38.19	38.17	38.08	37.92	37.68	37.37	37.02	36.68
20	37.15	37.17	37.20	37.24	37.27	37.28	37.27	37.23	37.15	37.02	36.87	36.69	36.49
21	36.53	36.54	36.54	36.55	36.55	36.55	36.55	36.54	36.53	36.51	36.50	36.48	36.46
22	36.16	36.16	36.15	36.13	36.11	36.10	36.10	36.11	36.16	36.22	36.31	36.42	36.54
23	36.05	36.06	36.09	36.01	35.98	35.95	35.94	35.97	36.05	36.16	36.32	36.51	36.71
24	36.16	36.18	36.17	36.14	36.09	36.06	36.05	36.08	36.16	36.29	36.47	36.69	36.95
25	36.39	36.43	36.44	36.40	36.36	36.32	36.31	36.34	36.42	36.55	36.73	36.95	37.20
26	36.69	36.75	36.76	36.74	36.70	36.67	36.65	36.66	36.71	36.81	36.95	37.13	37.33

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TABLE 3.88 LOCAL ELEVATION TABLE 84

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	91.33	90.58	90.12	90.14	90.80	92.22	94.46	97.49	101.20	105.90	109.86	114.44	118.72
2	91.32	90.58	90.14	90.22	90.98	92.56	94.99	98.26	102.23	106.69	111.40	116.17	120.54
3	91.34	90.56	90.11	90.19	90.99	92.65	95.22	98.65	102.80	107.46	112.38	117.30	121.77
4	91.38	90.54	90.04	90.08	90.87	92.55	95.16	98.67	102.92	107.69	112.73	117.76	122.31
5	91.42	90.52	89.95	89.94	90.68	92.31	94.90	98.39	102.64	107.42	112.48	117.53	122.11
6	91.42	90.49	89.88	89.82	90.48	92.03	94.51	97.88	102.02	106.69	111.64	116.62	121.19
7	91.39	90.47	89.86	89.75	90.34	91.75	94.06	97.23	101.14	105.57	110.27	115.05	119.43
8	91.31	90.46	89.89	89.78	90.29	91.56	93.64	96.51	100.06	104.12	108.44	112.88	117.02
9	91.20	90.49	90.01	89.93	90.38	91.47	93.27	95.77	98.87	102.43	106.25	110.22	114.00
10	91.11	90.58	90.24	90.21	90.61	91.53	93.01	95.05	97.61	100.57	103.80	107.17	110.51
11	91.11	90.76	90.59	90.64	90.99	91.71	92.84	94.39	96.34	98.64	101.20	103.92	106.72
12	91.24	91.11	91.07	91.19	91.49	92.00	92.76	93.80	95.11	96.70	98.55	100.63	102.89
13	91.55	91.62	91.73	91.88	92.09	92.38	92.77	93.28	93.96	94.85	95.99	97.42	99.16
14	92.10	92.31	92.52	92.70	92.81	92.86	92.87	92.86	92.92	93.15	93.63	94.46	95.72
15	92.88	93.18	93.43	93.57	93.57	93.39	93.03	92.57	92.08	91.70	91.59	91.89	92.73
16	93.89	94.18	94.40	94.48	94.33	93.91	93.22	92.35	91.41	90.54	89.94	89.82	90.33
17	95.03	95.26	95.41	95.36	95.03	94.38	93.41	92.21	90.92	91.32	88.75	88.33	88.60
18	96.25	96.34	96.34	96.12	95.61	94.76	93.58	92.15	92.19	92.26	86.98	83.42	82.19
19	97.30	97.23	97.05	96.68	96.02	95.03	93.71	92.12	88.83	79.25	71.70	66.92	65.60
20	97.96	97.73	97.42	96.93	96.19	95.18	98.00	89.93	77.97	66.95	58.94	54.17	52.85
21	98.01	97.67	97.31	96.80	96.07	99.18	102.28	84.70	68.99	57.67	49.82	45.21	44.02
22	97.25	96.90	96.60	96.20	95.62	94.79	95.95	77.30	65.90	50.33	38.74	31.55	33.15
23	95.54	95.35	95.23	95.10	94.82	94.29	91.40	77.15	64.68	43.60	26.65	19.59	21.28
24	92.87	92.98	93.21	93.51	93.68	93.60	95.49	77.47	67.72	39.41	21.14	10.85	9.17
25	89.35	89.91	90.66	91.53	92.28	96.82	101.36	86.06	70.76	40.52	16.11	2.32	.00
26	85.22	86.35	87.75	89.30	90.79	91.85	96.75	87.07	66.71	39.48	19.35	4.93	1.84

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	122.44	125.42	127.50	128.66	128.92	128.45	127.31	125.69	123.77	121.73	119.80	118.14	116.93
2	124.25	127.09	128.93	129.73	129.55	128.56	126.97	124.94	122.70	120.45	118.40	116.73	115.59
3	125.50	128.27	129.95	130.52	130.07	128.75	126.85	124.60	122.21	119.90	117.89	116.33	115.33
4	126.08	128.83	130.44	130.91	130.33	128.90	126.86	124.56	122.19	119.99	118.15	116.79	115.99
5	125.90	128.67	130.29	130.78	130.23	128.85	126.90	124.68	122.54	120.61	119.05	117.96	117.39
6	124.92	127.72	129.42	130.02	129.64	128.49	126.81	124.90	123.12	121.55	120.35	119.59	119.26
7	123.14	125.96	127.77	128.59	128.50	127.71	126.96	125.02	123.70	122.59	121.80	121.38	121.30
8	120.59	123.41	125.37	126.96	126.78	126.48	125.78	124.92	124.16	123.56	123.21	123.13	123.27
9	117.37	120.16	122.27	123.69	124.48	124.78	124.73	124.53	124.39	124.33	124.43	124.67	125.00
10	113.61	116.33	118.59	120.37	121.70	122.66	123.34	123.86	124.34	124.84	125.37	125.92	126.43
11	109.49	112.12	114.53	116.68	118.57	120.22	121.65	122.93	124.08	125.12	126.06	126.85	127.45
12	105.28	107.78	110.32	112.82	115.26	117.59	119.78	121.79	123.59	125.15	126.44	127.41	128.04
13	101.22	103.60	106.25	109.09	112.04	115.00	117.85	120.52	122.92	124.94	126.52	127.63	128.26
14	97.46	99.72	102.47	105.61	109.02	112.59	116.01	119.25	122.13	124.54	126.36	127.56	128.15
15	94.20	96.34	99.16	102.55	106.35	110.35	114.32	118.09	121.31	124.01	126.00	127.24	127.78
16	91.58	93.63	96.49	100.07	104.16	108.52	112.88	116.97	120.54	123.41	125.51	126.77	127.24
17	89.69	91.69	94.17	98.25	102.59	107.19	111.76	116.08	119.85	122.85	124.98	126.21	126.64
18	84.55	89.46	94.23	98.72	101.51	106.24	111.00	115.44	119.30	122.36	124.49	125.71	126.08
19	67.90	73.90	83.25	94.73	100.79	105.81	110.60	115.07	118.94	121.99	124.11	125.29	125.64
20	55.16	61.16	70.84	84.07	98.60	110.09	110.54	114.97	118.80	121.81	123.90	125.06	125.38
21	46.39	52.53	62.19	75.38	93.95	114.99	114.75	115.13	118.89	121.86	123.92	125.06	125.39
22	39.15	49.98	57.49	70.62	87.03	108.99	111.26	115.53	119.24	122.14	124.20	125.36	125.71
23	33.11	49.40	58.61	69.96	85.99	105.35	111.91	116.13	119.80	122.72	124.78	125.96	126.36
24	18.60	38.08	50.50	67.76	86.85	109.47	112.65	116.86	120.54	123.50	125.60	126.85	127.30
25	10.48	24.76	41.31	58.52	85.66	115.45	116.56	117.67	121.39	124.42	126.61	127.93	128.45
26	4.47	16.92	30.77	51.29	74.95	98.43	110.79	118.96	122.29	125.42	127.71	129.13	129.72

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TABLE 3.89 LOCAL ELEVATION TABLE 8S

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	38.67	39.17	39.93	40.87	41.92	42.92	43.63	43.84	43.38	42.09	39.90	36.83	32.98
2	39.35	39.86	40.63	41.57	42.62	43.61	44.32	44.53	44.07	42.80	40.64	37.59	33.78
3	39.17	39.68	40.44	41.37	42.40	43.37	44.07	44.28	43.84	42.60	40.49	37.51	33.78
4	38.33	38.84	39.58	40.49	41.49	42.45	43.12	43.34	42.91	41.70	39.64	36.75	33.11
5	37.08	37.57	38.29	39.18	40.16	41.10	41.76	41.97	41.55	40.36	38.35	35.50	31.94
6	35.65	36.12	36.83	37.70	38.70	39.64	40.30	40.51	40.08	38.87	36.83	33.99	30.43
7	34.27	34.72	35.42	36.35	37.37	38.32	38.99	39.19	38.74	37.50	35.40	32.96	28.79
8	33.14	33.57	34.28	35.22	36.26	37.23	37.92	38.12	37.64	36.34	34.14	31.07	27.26
9	32.33	32.74	33.46	34.41	35.49	36.49	37.21	37.41	36.90	35.54	33.17	29.92	25.90
10	31.90	32.29	33.00	33.98	35.10	36.15	36.90	37.11	36.56	35.07	32.57	29.11	24.86
11	31.83	32.20	32.92	33.92	35.08	36.19	36.98	37.20	36.61	35.03	32.39	28.73	24.29
12	32.14	32.50	33.19	34.20	35.40	36.56	37.39	37.63	37.02	35.38	32.62	28.81	24.14
13	32.75	33.09	33.78	34.76	35.98	37.17	38.05	38.32	37.71	36.05	33.24	29.35	24.61
14	33.59	33.91	34.58	35.55	36.73	37.94	38.85	39.15	38.59	36.96	34.19	30.34	25.64
15	34.54	34.84	35.49	36.44	37.57	38.79	39.72	40.07	39.56	38.01	35.37	31.69	27.19
16	35.53	35.80	36.41	37.32	38.40	39.60	40.53	40.92	40.51	39.13	36.68	33.29	29.14
17	36.44	36.68	37.24	38.09	39.10	40.23	41.13	41.57	41.29	40.14	38.03	35.02	31.30
18	37.18	37.40	37.89	38.65	39.56	40.58	41.43	41.89	41.75	40.86	39.15	36.68	33.59
19	37.66	37.84	38.26	38.90	39.69	40.56	41.32	41.78	41.76	41.15	39.87	37.98	35.58
20	37.79	37.93	38.26	38.77	39.39	40.09	40.72	41.14	41.21	40.84	39.99	38.68	36.99
21	37.47	37.58	37.81	38.16	38.60	39.09	39.55	39.88	39.99	39.82	39.34	38.56	37.54
22	36.65	36.72	36.84	37.03	37.26	37.51	37.76	37.94	38.03	37.98	37.79	37.46	37.01
23	35.25	35.28	35.31	35.33	35.34	35.34	35.33	35.33	35.32	35.31	35.31	35.31	35.31
24	33.27	33.28	33.21	33.06	32.84	32.58	32.33	32.12	31.98	31.93	32.01	32.19	32.48
25	30.66	30.66	30.51	30.22	29.80	29.30	28.80	28.37	28.06	27.92	27.97	28.23	28.65
26	27.45	27.44	27.25	26.86	26.28	25.59	24.89	24.26	23.77	23.49	23.46	23.68	24.13

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	28.56	23.81	19.14	14.73	10.80	7.54	5.07	3.41	2.52	2.27	2.52	3.06	3.76
2	29.38	24.64	19.96	15.51	11.52	8.16	5.57	3.76	2.71	2.29	2.35	2.73	3.26
3	29.47	24.81	20.19	15.78	11.81	8.43	5.79	3.90	2.73	2.19	2.12	2.36	2.85
4	28.91	24.36	19.84	15.53	11.62	8.31	5.69	3.80	2.62	2.03	1.91	2.16	2.62
5	27.81	23.37	18.95	14.75	10.96	7.76	5.25	3.47	2.38	1.89	1.89	2.22	2.79
6	26.33	21.93	17.60	13.50	9.85	6.81	4.50	2.94	2.08	1.82	2.09	2.66	3.37
7	24.62	20.19	15.90	11.88	8.36	5.53	3.50	2.27	1.79	1.92	2.58	3.58	4.61
8	22.92	18.34	14.00	10.02	6.64	4.05	2.36	1.57	1.59	2.27	3.51	5.02	6.52
9	21.36	16.61	12.12	8.14	4.88	2.56	1.26	.98	1.61	2.94	4.88	7.02	9.07
10	20.08	15.13	10.95	6.96	3.33	1.27	.90	.68	1.97	4.02	6.70	9.54	12.20
11	19.24	14.09	9.24	5.23	2.22	.45	.00	.84	2.79	5.57	8.99	12.51	15.77
12	18.96	13.67	8.73	4.70	1.83	.33	.28	1.63	4.18	7.63	11.70	15.84	19.65
13	19.35	14.01	9.07	5.09	2.38	1.12	1.42	3.21	6.25	10.22	14.79	19.41	23.68
14	20.44	15.16	10.36	6.53	4.00	2.98	3.56	5.66	9.03	13.32	18.19	23.11	27.70
15	22.21	17.19	12.60	9.06	6.76	5.95	6.71	8.97	12.48	16.89	21.78	26.89	31.48
16	24.54	19.91	15.80	12.58	10.54	9.91	10.77	13.09	16.49	20.76	25.47	30.37	34.82
17	27.24	23.23	19.66	16.85	15.11	14.63	15.50	17.63	20.81	24.74	29.05	33.52	37.56
18	30.14	26.83	23.86	21.52	20.09	19.74	20.53	22.40	25.16	28.55	32.27	36.10	39.56
19	32.89	30.30	27.97	26.14	25.03	24.79	25.44	26.96	29.18	31.90	34.88	37.93	40.69
20	35.08	33.22	31.55	30.24	29.45	29.29	29.77	30.88	32.51	34.49	36.65	38.87	40.86
21	36.37	35.23	34.18	33.37	32.88	32.77	33.08	33.78	34.80	36.04	37.40	38.78	40.02
22	36.49	35.97	35.50	35.14	34.91	34.86	35.00	35.32	35.78	36.35	36.96	37.59	38.15
23	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31
24	32.82	33.21	33.58	33.89	34.08	34.13	34.02	33.78	33.42	32.98	32.51	32.07	31.69
25	29.20	29.82	30.43	30.94	31.26	31.35	31.19	30.80	30.22	29.50	28.75	28.05	27.49
26	24.75	25.45	26.18	26.78	27.18	27.31	27.14	26.69	26.02	25.19	24.33	23.53	22.84

TABLE 3.90 LOCAL ELEVATION TABLE 86

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	27.50	28.12	28.74	29.34	29.91	30.44	30.94	31.40	31.83	32.19	32.49	32.70	32.81
2	29.77	30.03	30.18	30.24	30.21	30.12	29.99	29.88	29.79	29.76	29.75	29.77	29.79
3	31.27	31.23	31.01	30.62	30.11	29.51	28.90	28.37	27.90	27.51	27.24	27.08	27.04
4	32.05	31.79	31.30	30.60	29.74	28.81	27.90	27.04	26.26	25.62	25.15	24.87	24.77
5	32.21	31.83	31.18	30.31	29.27	28.20	27.09	26.03	25.08	24.29	23.71	23.35	23.23
6	31.91	31.50	30.82	29.93	28.91	27.78	26.62	25.51	24.51	23.69	23.07	22.69	22.56
7	31.33	30.98	30.43	29.66	28.72	27.69	26.62	25.60	24.68	23.92	23.35	23.00	22.88
8	30.72	30.55	30.16	29.59	28.86	28.05	27.21	26.39	25.67	25.06	24.62	24.35	24.26
9	30.22	30.24	30.11	29.82	29.42	28.94	28.43	27.94	27.50	27.14	26.88	26.73	26.69
10	29.91	30.18	30.37	30.45	30.45	30.39	30.31	30.22	30.14	30.10	30.08	30.09	30.11
11	29.83	30.41	30.96	31.47	31.94	32.37	32.78	33.16	33.51	33.83	34.09	34.29	34.39
12	29.99	30.89	31.84	32.82	33.81	34.78	35.73	36.63	37.45	38.16	38.73	39.13	39.31
13	30.38	31.59	32.95	34.40	35.93	37.47	38.99	40.43	41.74	42.87	43.76	44.36	[illegible]
14	30.87	32.43	34.21	36.16	38.21	40.31	42.41	44.40	46.22	47.77	48.99	49.80	50.[illegible]
15	31.25	33.15	35.36	37.80	40.40	43.07	45.75	48.29	50.59	52.55	54.07	55.08	55.60
16	31.35	33.57	36.19	39.11	42.24	45.46	48.70	51.76	54.52	56.85	58.65	59.82	60.29
17	31.01	33.53	36.53	39.90	43.52	47.27	51.02	54.55	57.72	60.38	62.41	63.70	64.19
18	30.10	32.88	36.22	40.00	44.07	48.28	52.49	56.45	59.96	62.88	65.08	66.45	66.94
19	28.52	31.51	35.14	39.27	43.73	48.35	52.95	57.29	61.02	64.13	66.43	67.83	68.28
20	26.23	29.38	33.29	37.65	42.41	47.35	52.25	56.79	60.76	63.97	66.30	67.68	68.06
21	23.23	26.48	30.49	35.09	40.07	45.24	50.33	55.01	59.06	62.30	64.59	65.89	66.18
22	19.56	22.84	26.92	31.63	36.71	41.99	47.16	51.88	55.91	59.07	61.26	62.43	62.62
23	15.29	18.55	22.61	27.31	32.38	37.65	42.77	47.39	51.30	54.30	56.32	57.34	57.41
24	10.53	13.68	17.64	22.22	27.16	32.28	37.21	41.63	45.30	48.07	49.86	50.70	50.67
25	5.38	8.38	12.14	16.48	21.16	26.01	30.63	34.71	38.06	40.51	42.04	42.68	42.56
26	.00	2.77	6.25	10.26	14.55	19.00	23.19	26.84	29.77	31.85	33.09	33.53	33.32

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	32.80	32.66	32.37	31.96	31.43	30.81	30.13	29.43	28.76	28.14	27.61	27.18	26.86
2	29.82	29.84	29.84	29.81	29.76	29.73	29.70	29.67	29.66	29.67	29.71	29.78	29.88
3	27.10	27.26	27.50	27.81	28.18	28.59	29.07	29.60	30.13	30.67	31.19	31.68	32.12
4	24.86	25.13	25.55	26.12	26.80	27.57	28.40	29.31	30.26	31.18	32.05	32.84	33.52
5	23.33	23.66	24.19	24.91	25.78	26.77	27.84	28.95	30.13	31.29	32.36	33.32	34.13
6	22.67	23.02	23.58	24.35	25.28	26.34	27.48	28.67	29.86	31.08	32.21	33.20	34.04
7	22.99	23.31	23.84	24.54	25.40	26.38	27.44	28.53	29.62	30.69	31.73	32.64	33.40
8	24.35	24.60	25.02	25.57	26.23	26.99	27.80	28.64	29.47	30.28	31.06	31.77	32.38
9	26.75	26.91	27.14	27.45	27.80	28.20	28.63	29.07	29.51	29.95	30.37	30.77	31.15
10	30.14	30.16	30.17	30.14	30.10	30.03	29.95	29.87	29.81	29.77	29.78	29.83	29.92
11	34.38	34.29	33.97	33.56	33.09	32.43	31.75	31.06	30.40	29.81	29.34	29.00	28.80
12	39.26	38.95	38.37	37.55	36.50	35.28	33.96	32.60	31.29	30.11	29.11	28.36	27.86
13	44.53	44.03	43.14	41.86	40.29	38.45	36.45	34.41	32.44	30.67	29.18	28.02	27.21
14	50.00	49.32	48.10	46.39	44.25	41.78	39.11	36.42	33.85	31.52	29.53	27.98	26.89
15	55.29	54.42	52.90	50.77	48.13	45.09	41.81	38.52	35.39	32.54	30.11	28.22	26.89
16	60.01	58.96	57.17	54.68	51.60	48.08	44.29	40.52	36.91	33.64	30.87	28.70	27.19
17	63.84	62.64	60.61	57.83	54.41	50.53	46.37	42.29	38.31	34.74	31.72	29.37	27.73
18	66.50	65.16	62.95	59.96	56.33	52.22	47.85	43.54	39.44	35.73	32.60	30.16	28.47
19	67.76	66.31	63.98	60.89	57.16	53.00	48.60	44.29	40.19	36.51	33.40	30.99	29.33
20	67.46	65.93	63.56	60.46	56.79	52.73	48.49	44.37	40.46	36.97	34.03	31.76	30.20
21	65.51	63.94	61.60	58.61	55.14	51.35	47.47	43.70	40.17	37.02	34.90	32.37	30.98
22	61.88	60.34	58.11	55.34	52.20	48.84	45.48	42.25	39.24	36.60	34.40	32.72	31.58
23	56.64	55.16	53.12	50.69	48.00	45.24	42.54	39.98	37.65	35.62	33.97	32.71	31.87
24	49.89	48.54	46.77	44.76	42.64	40.42	38.68	36.91	35.36	34.06	33.02	32.26	31.76
25	41.81	40.64	39.22	37.74	36.34	35.06	33.97	33.08	32.38	31.87	31.51	31.28	31.15
26	32.65	31.71	30.74	29.87	29.18	28.72	28.53	28.56	28.76	29.07	29.43	29.77	30.03

TABLE 3.91 LOCAL ELEVATION TABLE 87

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	31.27	30.80	30.19	29.51	28.85	28.31	28.02	28.10	28.68	29.77	31.90	33.51	34.00
2	28.89	27.31	25.79	24.42	23.31	22.56	22.26	22.52	23.38	24.89	27.03	29.73	32.85
3	27.20	24.63	22.28	20.27	18.74	17.77	17.45	17.84	18.97	20.84	23.39	26.54	30.12
4	26.41	23.04	20.01	17.48	15.58	14.41	14.03	14.48	15.76	17.84	20.66	24.09	27.96
5	26.63	22.72	19.23	16.32	14.15	12.79	12.31	12.72	14.03	16.17	19.07	22.58	26.55
6	27.88	23.72	20.01	16.91	14.56	13.06	12.45	12.75	13.94	15.98	18.76	22.16	26.01
7	30.05	25.96	22.28	19.18	16.78	15.18	14.44	14.56	15.53	17.31	19.81	22.91	26.96
8	32.95	29.20	25.79	22.87	20.57	18.96	18.10	18.01	18.70	20.12	22.20	24.84	27.92
9	36.30	33.12	30.19	27.63	25.55	24.03	23.11	22.84	23.22	24.23	25.82	27.91	30.39
10	39.69	37.47	35.17	33.11	31.36	29.99	29.08	28.69	28.81	29.42	30.51	32.00	33.83
11	41.27	41.71	40.19	38.76	37.49	36.45	35.69	35.23	35.11	35.41	36.04	36.97	38.14
12	43.86	45.53	44.78	44.05	43.38	42.81	42.34	42.03	41.87	41.89	42.16	42.60	43.18
13	46.45	48.56	48.59	48.61	48.62	48.62	48.62	48.61	48.60	48.60	48.60	48.68	48.75
14	49.89	50.64	51.39	52.16	52.92	53.62	54.23	54.72	55.05	55.21	55.19	54.98	54.62
15	50.40	51.73	53.10	54.56	56.06	57.53	58.87	59.99	60.84	61.35	61.49	61.24	60.66
16	50.30	51.91	53.79	55.86	58.04	60.27	62.39	64.25	65.73	66.73	67.19	67.09	66.46
17	49.55	51.37	53.60	56.17	58.96	61.87	64.75	67.36	69.53	71.12	72.03	72.21	71.71
18	48.45	50.33	52.77	55.69	58.96	62.43	65.98	69.29	72.14	74.34	75.76	76.34	76.11
19	47.25	49.07	51.56	54.67	58.25	62.13	66.16	70.04	73.48	76.25	78.20	79.24	79.40
20	46.17	47.82	50.23	53.34	57.04	61.12	65.40	69.66	73.53	76.78	79.22	80.76	81.40
21	45.39	46.80	48.99	51.93	55.52	59.57	63.86	68.26	72.36	75.94	78.79	80.81	81.99
22	45.04	46.14	48.00	50.61	53.88	57.66	61.74	65.99	70.10	73.83	76.98	79.44	81.18
23	45.14	45.91	47.36	49.49	52.26	55.55	59.20	63.04	66.95	70.65	73.97	76.80	79.08
24	45.65	46.08	47.06	48.63	50.76	53.39	56.42	59.72	63.17	66.67	70.03	73.13	75.92
25	46.48	46.58	47.08	48.02	49.43	51.29	53.57	56.22	59.14	62.27	65.49	68.77	71.98
26	47.49	47.30	47.33	47.64	48.30	49.36	50.84	52.75	55.08	57.80	60.86	64.17	67.63

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	38.76	41.59	44.24	46.50	48.19	49.20	50.89	52.57	47.62	44.11	42.41	43.87	47.60
2	36.22	39.62	42.81	45.62	47.85	49.37	48.57	40.39	33.92	29.31	27.99	28.55	32.85
3	33.94	37.79	41.44	44.69	51.56	47.10	37.84	28.87	22.06	17.59	15.69	16.58	20.47
4	32.08	36.23	40.18	47.68	55.27	41.18	28.75	20.09	13.51	9.17	7.25	7.96	11.47
5	30.77	35.03	39.12	42.84	48.31	33.91	23.01	14.57	8.17	3.94	2.02	2.59	5.81
6	30.13	34.31	38.35	42.05	43.20	30.91	20.62	12.32	6.09	1.90	.00	.99	3.53
7	30.27	34.18	37.98	41.99	46.87	31.98	21.68	13.41	7.20	3.11	1.25	1.79	4.69
8	31.26	34.72	38.11	45.09	52.39	38.42	26.33	18.00	11.79	7.74	5.93	6.47	9.96
9	33.14	36.00	38.84	41.51	48.13	43.39	34.75	26.28	20.01	15.97	14.29	14.89	18.00
10	35.90	38.08	40.26	42.33	44.18	45.44	45.05	37.55	32.09	28.06	26.90	27.20	30.51
11	39.50	40.95	42.42	43.82	45.08	46.13	48.10	50.41	46.23	43.30	41.76	42.75	45.22
12	43.85	44.57	45.31	46.02	46.66	47.19	47.60	49.50	47.61	47.62	47.51	47.32	47.07
13	48.81	48.86	48.90	48.93	48.95	48.97	48.99	49.00	49.01	49.02	49.02	49.01	48.99
14	54.19	53.65	53.06	52.48	51.93	51.48	51.14	50.92	50.82	50.83	50.93	51.09	51.29
15	59.79	58.75	57.65	56.59	55.51	54.45	54.00	53.59	53.42	53.45	53.69	53.94	54.30
16	65.40	64.02	62.46	60.94	59.54	58.37	57.49	56.94	56.71	56.77	57.04	57.45	57.91
17	70.63	69.11	67.34	65.57	63.94	62.55	61.50	60.84	60.57	60.65	60.98	61.45	61.97
18	75.18	73.71	71.93	70.09	68.39	66.94	65.85	65.17	64.89	64.95	65.26	65.74	66.26
19	78.78	77.56	75.96	74.23	72.69	71.27	70.24	69.61	69.37	69.45	69.76	70.19	70.67
20	81.23	80.43	79.20	77.78	76.47	75.32	74.47	73.96	73.78	73.88	74.16	74.53	74.90
21	82.40	82.17	81.50	80.59	79.69	78.90	78.32	77.98	77.89	78.00	78.21	78.47	78.71
22	82.24	82.71	82.75	82.51	82.15	81.84	81.60	81.49	81.51	81.61	81.76	81.89	81.92
23	80.83	82.09	82.93	83.47	83.81	84.02	84.18	84.33	84.46	84.56	84.60	84.55	84.38
24	78.35	80.40	82.11	83.48	84.57	85.40	86.00	86.41	86.69	86.70	86.60	86.35	85.97
25	75.03	77.86	80.39	82.59	84.42	85.86	86.90	87.57	87.89	87.90	87.65	87.21	86.63
26	71.18	74.67	77.95	80.90	83.40	85.39	86.83	87.73	88.12	88.07	87.69	87.07	86.31

TABLE 3.92 LOCAL ELEVATION TABLE 88

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	38.09	38.09	38.33	38.84	39.58	40.49	41.49	42.45	43.12	43.34	42.91	41.70	39.64
2	36.85	36.85	37.08	37.57	38.29	39.18	40.16	41.10	41.76	41.97	41.55	40.36	38.35
3	35.45	35.43	35.65	36.12	36.83	37.70	38.70	39.64	40.30	40.51	40.08	38.87	36.83
4	34.13	34.07	34.27	34.72	35.42	36.35	37.37	38.32	38.99	39.19	38.74	37.50	35.40
5	33.08	32.99	33.14	33.57	34.28	35.22	36.26	37.23	37.92	38.12	37.69	36.34	34.14
6	32.35	32.22	32.33	32.74	33.46	34.41	35.49	36.49	37.21	37.41	36.90	35.51	33.17
7	31.98	31.82	31.90	32.29	33.00	33.98	35.10	36.15	36.90	37.11	36.56	35.07	32.57
8	31.99	31.79	31.83	32.20	32.92	33.92	35.08	36.19	36.98	37.20	36.61	35.03	32.39
9	32.35	32.11	32.14	32.50	33.19	34.20	35.40	36.56	37.39	37.63	37.02	35.38	32.62
10	32.98	32.73	32.75	33.09	33.78	34.76	35.98	37.17	38.05	38.32	37.71	36.05	33.24
11	33.81	33.58	33.59	33.91	34.58	35.55	36.73	37.94	38.85	39.15	38.59	36.96	34.19
12	34.78	34.56	34.54	34.84	35.49	36.44	37.57	38.79	39.72	40.07	39.56	38.01	35.37
13	35.78	35.55	35.53	35.80	36.41	37.32	38.40	39.60	40.53	40.92	40.51	39.13	36.68
14	36.68	36.47	36.44	36.68	37.24	38.09	39.10	40.23	41.13	41.57	41.29	40.14	38.03
15	37.41	37.22	37.18	37.40	37.89	38.65	39.56	40.58	41.43	41.89	41.75	40.86	39.15
16	37.85	37.69	37.66	37.84	38.26	38.90	39.69	40.56	41.32	41.78	41.76	41.15	39.87
17	37.92	37.80	37.79	37.93	38.26	38.77	39.39	40.09	40.72	41.14	41.21	40.84	39.99
18	37.55	37.48	37.47	37.58	37.81	38.16	38.60	39.09	39.55	39.88	39.99	39.82	39.34
19	36.66	36.64	36.65	36.72	36.84	37.03	37.26	37.51	37.76	37.94	38.03	37.98	37.79
20	35.20	35.22	35.25	35.28	35.31	35.33	35.34	35.34	35.33	35.33	35.32	35.31	35.31
21	33.12	33.20	33.27	33.28	33.21	33.06	32.84	32.58	32.33	32.12	31.98	31.93	32.01
22	30.42	30.56	30.66	30.66	30.51	30.22	29.80	29.30	28.80	28.37	28.06	27.92	27.97
23	27.12	27.31	27.45	27.44	27.25	26.86	26.28	25.59	24.89	24.26	23.77	23.49	23.46
24	23.26	23.48	23.66	23.67	23.47	23.04	22.39	21.59	20.75	19.98	19.35	18.94	18.79
25	18.91	19.15	19.36	19.42	19.27	18.87	18.24	17.44	16.63	15.84	15.16	14.68	14.45
26	14.16	14.39	14.64	14.78	14.73	14.45	13.96	13.37	12.69	12.01	11.40	10.94	10.68

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	36.75	33.11	28.91	24.36	19.84	15.53	11.62	8.31	5.69	3.80	2.62	2.03	1.91
2	35.50	31.94	27.81	23.37	18.95	14.75	10.96	7.76	5.25	3.47	2.38	1.89	1.84
3	33.99	30.43	26.33	21.93	17.60	13.50	9.85	6.81	4.50	2.94	2.08	1.82	2.04
4	32.46	28.79	24.62	20.19	15.90	11.88	8.36	5.53	3.50	2.27	1.79	1.92	2.58
5	31.07	27.26	22.92	18.34	14.00	10.02	6.49	4.05	2.36	1.57	1.59	2.27	3.51
6	29.92	25.90	21.36	16.61	12.12	8.14	4.88	2.56	1.26	.98	1.61	2.94	4.88
7	29.11	24.86	20.08	15.13	10.45	6.46	3.33	1.27	.40	.68	1.97	4.02	6.70
8	28.73	24.24	19.24	14.09	9.24	5.23	2.22	.45	.00	.84	2.79	5.57	8.99
9	28.61	24.14	18.96	13.67	8.73	4.70	1.83	.33	.28	1.63	4.18	7.63	11.70
10	29.35	24.61	19.35	14.01	9.07	5.09	2.38	1.12	1.42	3.21	6.25	10.22	14.79
11	30.34	25.64	20.44	15.18	10.36	6.53	4.00	2.98	3.56	5.66	9.03	13.32	18.19
12	31.69	27.19	22.21	17.19	12.60	9.06	6.76	5.95	6.71	8.97	12.98	16.89	21.78
13	33.29	29.14	24.54	19.91	15.80	12.58	10.54	9.91	10.77	13.09	16.99	20.76	25.47
14	35.02	31.30	27.24	23.23	19.66	16.85	15.11	14.63	15.50	17.63	20.81	24.74	29.05
15	36.68	33.59	30.14	26.83	23.86	21.52	20.09	19.74	20.53	22.90	25.16	28.55	32.27
16	37.98	35.58	32.89	30.30	27.97	26.14	25.03	24.79	25.44	26.96	29.18	31.90	34.88
17	38.48	36.99	35.08	33.22	31.55	30.24	29.45	29.29	29.77	30.88	32.51	34.49	36.65
18	38.56	37.54	36.37	35.21	34.18	33.37	32.88	32.77	33.08	33.78	34.80	36.04	37.40
19	37.46	37.01	36.49	35.97	35.50	35.14	34.91	34.86	35.00	35.32	35.78	36.35	36.96
20	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31	35.31
21	32.19	32.98	32.82	33.21	33.58	33.89	34.08	34.13	34.02	33.78	33.42	32.98	32.51
22	28.23	28.65	29.20	29.82	30.43	30.99	31.26	31.35	31.19	30.80	30.22	29.50	28.75
23	23.68	24.13	24.75	25.45	26.18	26.78	27.18	27.31	27.14	26.69	26.02	25.19	24.33
24	18.92	19.30	19.87	20.55	21.27	21.89	22.30	22.45	22.31	21.88	21.23	20.44	19.63
25	14.49	14.77	15.24	15.82	16.41	16.93	17.29	17.43	17.34	17.01	16.50	15.87	15.20
26	10.63	10.79	11.11	11.53	11.97	12.36	12.64	12.77	12.72	12.50	12.14	11.69	11.21

TABLE 3.93 LOCAL ELEVATION TABLE 89

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	65.18	65.41	65.82	66.34	66.90	67.48	68.03	68.54	69.01	69.44	69.85	70.23	70.58
2	64.94	65.15	65.60	66.26	67.07	67.96	68.92	69.89	70.88	71.86	72.80	73.70	74.52
3	64.88	65.09	65.62	66.42	67.45	68.66	70.02	71.47	73.00	74.55	76.06	77.50	78.81
4	64.89	65.10	65.70	66.66	67.94	69.50	71.28	73.23	75.28	77.39	79.48	81.48	83.29
5	64.82	65.02	65.68	66.79	68.32	70.22	72.43	74.87	77.47	80.14	82.82	85.36	87.66
6	64.53	64.71	65.42	66.66	68.42	70.64	73.26	76.18	79.31	82.54	85.77	88.83	91.59
7	63.88	64.02	64.77	66.12	68.08	70.60	73.60	76.97	80.59	84.34	88.09	91.62	94.79
8	62.74	62.85	63.60	65.04	67.17	69.95	73.29	77.07	81.14	85.36	89.56	93.52	97.03
9	61.03	61.09	61.84	63.33	65.59	68.58	72.21	76.34	80.80	85.42	90.02	94.31	98.10
10	58.71	58.72	59.44	60.95	63.30	66.45	70.31	74.72	79.48	84.43	89.32	93.86	97.83
11	55.77	55.72	56.40	57.91	60.30	63.55	67.56	72.16	77.14	82.31	87.40	92.09	96.14
12	52.24	52.15	52.77	54.24	56.63	59.91	64.00	68.70	73.78	79.06	84.23	88.95	92.98
13	48.19	48.05	48.61	50.02	52.36	55.62	59.68	64.38	69.45	74.72	79.84	84.47	88.37
14	43.69	43.51	44.02	45.35	47.60	50.76	54.72	59.29	64.23	69.35	74.29	78.70	82.37
15	38.83	38.64	39.09	40.33	42.46	45.45	49.21	53.55	58.23	63.08	67.70	71.79	75.13
16	33.75	33.57	33.97	35.11	37.07	39.84	43.32	47.33	51.62	56.07	60.26	63.91	66.84
17	28.61	28.44	28.81	29.84	31.61	34.11	37.23	40.82	44.69	48.57	52.22	55.35	57.79
18	23.57	23.44	23.78	24.71	26.27	28.45	31.16	34.26	37.62	40.92	43.93	46.46	48.37
19	18.96	18.81	19.08	19.89	21.23	23.09	25.43	28.07	30.83	33.49	35.87	37.81	39.18
20	14.86	14.76	15.01	15.69	16.81	18.35	20.24	22.33	24.48	26.51	28.26	29.59	30.45
21	11.49	11.39	11.62	12.18	13.07	14.28	15.72	17.30	18.87	20.29	21.44	22.22	22.58
22	8.85	8.83	9.02	9.45	10.13	11.02	12.06	13.16	14.21	15.10	15.72	16.01	15.94
23	7.19	7.17	7.30	7.59	8.06	8.67	9.36	10.06	10.68	11.13	11.32	11.22	10.80
24	6.45	6.41	6.45	6.60	6.87	7.23	7.64	8.04	8.39	8.46	8.35	7.96	7.29
25	6.57	6.47	6.40	6.40	6.49	6.64	6.84	7.02	7.11	7.04	6.74	6.18	5.36
26	7.36	7.17	6.98	6.82	6.73	6.73	6.77	6.82	6.81	6.65	6.29	5.67	4.81

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	70.90	71.16	71.36	71.46	71.45	71.31	71.04	70.64	70.11	69.50	68.82	68.13	67.47
2	75.23	75.80	76.20	76.39	76.33	76.02	75.44	74.62	73.57	72.35	71.03	69.67	68.36
3	79.99	80.83	81.93	81.70	81.60	81.10	80.21	78.95	77.36	75.52	73.52	71.48	69.51
4	84.84	86.06	86.87	87.23	87.07	86.39	85.17	83.46	81.32	78.85	76.18	73.49	70.93
5	89.62	91.15	92.15	92.57	92.36	91.49	89.97	87.85	85.20	82.16	78.88	75.60	72.46
6	93.92	95.72	96.89	97.36	97.08	96.03	94.24	91.75	88.67	85.15	81.37	77.59	73.99
7	97.45	99.48	100.77	101.27	100.91	99.71	97.66	94.90	91.48	87.60	83.44	79.31	75.38
8	99.95	102.15	103.52	104.01	103.58	102.23	100.02	97.03	93.40	89.29	84.92	80.61	76.51
9	101.20	103.50	104.90	105.35	104.89	103.38	101.05	97.96	94.23	90.07	85.67	81.36	77.26
10	101.04	103.38	104.75	105.13	104.53	103.00	100.63	97.53	93.86	89.80	85.56	81.44	77.54
11	99.37	101.66	102.96	103.25	102.58	101.02	98.67	95.68	92.21	88.42	84.54	80.77	77.24
12	96.14	98.33	99.50	99.69	98.96	97.41	95.18	92.41	89.27	85.91	82.55	79.32	76.31
13	91.37	93.39	94.41	94.48	93.71	92.23	90.20	87.76	85.07	82.31	79.61	77.05	74.72
14	85.14	86.94	87.77	87.74	86.97	85.61	83.84	81.83	79.73	77.69	75.75	73.98	72.43
15	77.58	79.11	79.76	79.63	78.88	77.71	76.29	74.81	73.41	72.14	71.09	70.15	69.45
16	68.93	70.16	70.60	70.40	69.72	68.78	67.81	66.94	66.25	65.79	65.60	65.63	65.83
17	59.47	60.38	60.63	60.37	59.80	59.18	58.69	58.42	58.46	58.85	59.56	60.52	61.62
18	49.61	50.20	50.26	49.97	49.54	49.26	49.22	49.55	50.32	51.53	53.12	54.97	56.95
19	39.98	40.25	40.13	39.80	39.49	39.39	39.76	40.64	42.11	44.08	46.47	49.12	51.91
20	30.82	30.78	30.49	30.13	29.92	30.06	30.79	32.09	34.12	36.79	39.82	43.16	46.63
21	22.55	22.23	21.77	21.37	21.23	21.57	22.54	24.25	26.70	29.83	33.45	37.35	41.27
22	15.57	14.98	14.36	13.89	13.78	14.23	15.39	17.35	20.10	23.55	27.52	31.77	36.02
23	10.14	9.33	8.55	7.99	7.85	8.32	9.55	11.60	14.47	18.06	22.17	26.56	30.95
24	6.40	5.42	4.50	3.82	3.59	3.99	5.15	7.15	9.96	13.48	17.53	21.85	26.19
25	4.34	3.23	2.19	1.39	1.02	1.27	2.25	4.09	6.61	9.88	13.67	17.74	21.84
26	3.74	2.57	1.44	.52	.00	.03	.75	2.21	4.42	7.28	10.64	14.28	17.98

TABLE 3.94 LOCAL ELEVATION TABLE 90

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	34.44	37.22	40.17	43.03	45.58	47.67	49.21	50.21	50.73	50.88	50.80	50.59	50.38
2	31.91	35.37	38.99	42.46	45.51	47.97	49.74	50.84	51.35	51.44	51.22	50.84	50.48
3	30.29	34.38	38.58	42.55	45.99	48.69	50.57	51.64	52.02	51.92	51.46	50.83	50.25
4	29.87	34.47	39.13	43.46	47.12	49.90	51.72	52.61	52.71	52.28	51.47	50.52	49.67
5	30.81	35.80	40.76	45.26	48.96	51.63	53.20	53.74	53.40	52.49	51.23	49.91	48.73
6	33.15	38.38	43.47	47.96	51.50	53.88	55.03	55.05	54.15	52.62	50.79	49.06	47.52
7	36.77	42.11	47.16	51.48	54.70	56.61	57.20	56.58	55.01	52.82	50.37	48.12	46.21
8	41.42	46.74	51.63	55.64	58.42	59.77	59.69	58.36	56.07	53.18	50.11	47.30	45.01
9	46.74	51.96	56.61	60.23	62.50	63.24	62.49	60.44	57.43	53.88	50.20	46.84	44.18
10	52.42	57.49	61.85	65.05	66.77	66.92	65.55	62.86	59.21	55.06	50.85	47.03	43.98
11	58.06	62.94	67.01	69.82	71.09	70.71	68.80	65.61	61.48	56.86	52.24	48.05	44.44
12	63.10	67.83	71.66	74.20	75.16	74.46	72.17	68.69	64.27	59.38	54.48	50.02	46.35
13	67.20	71.82	75.53	77.93	78.78	77.98	75.61	72.01	67.54	62.58	57.58	52.97	49.10
14	70.13	74.71	78.40	80.84	81.77	81.11	78.99	75.48	71.18	66.37	61.46	56.82	52.85
15	71.79	76.40	80.18	82.79	84.00	83.71	81.97	78.98	75.03	70.54	65.87	61.39	57.39
16	72.22	76.89	80.84	83.75	85.38	85.63	84.52	82.19	78.89	74.91	70.59	66.35	62.35
17	71.55	76.29	80.94	83.70	85.84	86.74	86.38	84.85	82.33	79.05	75.26	71.24	67.32
18	69.99	74.77	79.10	82.71	85.38	86.95	87.38	86.70	85.02	82.50	79.32	75.71	71.84
19	67.78	72.53	76.98	80.88	84.00	86.20	87.37	87.50	86.64	84.88	82.34	79.18	75.55
20	65.21	69.79	74.25	78.31	81.77	84.46	86.25	87.08	86.96	85.90	83.97	81.28	77.95
21	62.48	66.76	71.09	75.16	78.78	81.77	84.00	85.37	85.83	85.36	83.98	81.76	78.78
22	59.77	63.68	67.69	71.59	75.16	78.25	80.69	82.39	83.25	83.23	82.32	80.54	77.96
23	57.24	60.69	64.24	67.76	71.10	74.05	76.50	78.30	79.38	79.66	79.11	77.73	75.56
24	54.99	57.88	60.90	63.90	66.78	69.42	71.65	73.37	74.49	74.92	74.63	73.60	71.87
25	53.06	55.34	57.75	60.17	62.50	64.63	66.47	67.95	68.95	69.41	69.28	68.55	67.25
26	51.48	53.13	54.89	56.68	58.42	60.02	61.42	62.53	63.29	63.65	63.59	63.09	62.16

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	50.24	50.22	50.36	50.68	51.17	51.82	52.58	53.42	54.29	55.10	53.46	41.43	29.56
2	50.19	50.05	50.08	50.30	50.69	51.22	51.84	52.51	53.19	53.80	43.69	29.16	15.24
3	49.78	49.47	49.38	49.50	49.79	50.21	50.71	51.23	51.74	50.17	36.01	20.28	4.83
4	48.97	48.50	48.31	48.36	48.60	48.97	49.42	49.91	50.33	48.57	32.28	16.04	.00
5	47.79	47.18	46.92	46.97	47.24	47.67	48.22	48.73	49.12	47.38	33.01	17.09	1.56
6	46.35	45.62	45.34	45.46	45.86	46.49	47.18	47.79	48.24	48.22	38.15	23.29	9.19
7	44.80	43.98	43.73	43.97	44.61	45.98	46.23	50.70	47.80	48.11	45.65	33.79	21.52
8	43.37	42.47	42.27	42.70	47.01	51.57	52.68	53.80	50.90	48.00	48.16	46.46	37.12
9	42.31	41.32	40.79	40.25	34.35	33.83	30.71	36.58	39.29	47.33	48.79	48.73	48.40
10	41.88	40.68	39.38	30.27	22.52	18.71	18.56	21.88	28.49	38.30	48.85	49.63	49.29
11	42.30	41.18	35.05	23.07	15.34	11.58	11.53	14.97	21.71	31.64	44.72	50.65	50.18
12	43.44	42.18	33.60	21.43	13.55	9.68	9.57	12.98	19.74	29.72	42.86	51.67	50.95
13	46.23	44.57	37.88	25.36	17.14	12.97	12.61	15.84	22.49	32.43	45.58	51.62	51.35
14	49.74	47.44	45.05	34.81	26.06	21.39	20.60	23.49	29.90	39.70	50.58	51.56	51.38
15	54.02	51.92	49.23	47.02	39.71	37.66	33.51	38.68	41.38	49.23	50.86	51.06	50.99
16	58.77	55.75	53.34	51.59	53.87	56.47	56.35	56.23	52.96	49.72	49.98	50.18	50.24
17	63.57	60.15	57.16	54.64	52.63	54.33	50.00	52.43	48.96	48.85	48.91	49.06	49.25
18	67.98	64.24	60.72	57.53	54.75	52.93	50.41	49.27	48.39	47.93	47.80	47.92	48.18
19	71.63	67.61	63.69	59.96	56.54	53.55	51.08	49.17	47.89	47.05	46.74	46.83	47.19
20	74.13	70.01	65.79	61.70	57.83	54.36	51.40	49.06	47.37	46.32	45.87	45.92	46.35
21	75.19	71.14	66.85	62.59	58.51	54.78	51.55	48.95	47.03	45.82	45.27	45.28	45.76
22	74.69	70.89	66.77	62.58	58.54	54.79	51.52	48.85	46.87	45.59	44.99	44.98	45.46
23	72.72	69.33	65.57	61.69	57.93	54.42	51.32	48.78	46.87	45.64	45.09	45.02	45.48
24	69.51	66.64	63.43	60.05	56.78	53.71	50.98	48.73	47.03	45.93	45.39	45.36	45.76
25	65.41	63.15	60.59	57.88	55.24	52.75	50.51	48.70	47.31	46.40	45.95	45.92	46.25
26	60.86	59.23	57.38	55.40	53.48	51.65	50.03	48.67	47.65	46.97	46.49	46.41	46.85

TABLE 3.95 LOCAL ELEVATION TABLE 91

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	29.22	28.90	29.34	30.73	33.17	36.59	40.81	45.56	50.60	55.58	60.08	63.82	66.61
2	22.62	22.30	22.87	24.51	27.29	31.13	35.80	41.00	46.47	51.78	56.47	60.28	63.01
3	16.49	16.15	16.83	18.67	21.73	25.88	30.89	36.49	42.24	47.69	52.47	56.24	58.82
4	11.22	10.81	11.57	13.57	16.82	21.19	26.51	32.33	38.19	43.65	48.31	51.91	54.28
5	7.02	6.71	7.53	9.63	13.02	17.54	22.91	28.71	34.50	39.83	44.30	47.64	49.72
6	4.13	4.01	4.98	7.18	10.59	15.06	20.29	25.88	31.40	36.42	40.57	43.58	45.36
7	2.73	2.89	4.05	6.32	9.67	13.94	18.85	24.03	29.09	33.63	37.32	39.93	41.40
8	2.84	3.39	4.80	7.12	10.33	14.27	18.69	23.28	27.69	31.59	34.71	36.86	38.01
9	4.39	5.42	7.11	9.49	12.49	15.99	19.79	23.62	27.24	30.38	32.85	34.51	35.35
10	7.13	8.71	10.73	13.15	15.91	18.91	21.98	24.97	27.70	30.01	31.77	32.93	33.48
11	10.70	12.88	15.24	17.71	20.21	22.68	25.00	27.11	28.93	30.39	31.45	32.12	32.42
12	14.75	17.51	20.22	22.74	24.98	26.90	28.49	29.77	30.73	31.39	31.80	32.03	32.11
13	18.85	22.18	25.21	27.79	29.83	31.30	32.23	32.70	32.85	32.84	32.71	32.56	32.47
14	22.36	26.12	29.92	32.08	33.99	35.15	35.64	35.57	35.13	34.53	34.01	33.59	33.36
15	24.89	28.88	32.36	35.10	36.98	38.01	38.28	37.95	37.29	36.37	35.61	35.02	34.69
16	25.96	30.09	33.67	36.49	38.45	39.55	39.88	39.59	38.89	38.03	37.25	36.63	36.26
17	25.59	29.63	33.19	36.10	38.24	39.60	40.24	40.29	39.92	39.33	38.72	38.20	37.82
18	23.78	27.55	31.00	33.97	36.37	38.14	39.33	39.98	40.21	40.14	39.89	39.55	39.22
19	20.80	24.11	27.34	30.36	33.06	35.36	37.24	38.69	39.71	40.35	40.64	40.64	40.39
20	17.04	19.79	22.70	25.68	28.67	31.54	34.19	36.52	38.44	39.89	40.82	41.22	41.13
21	12.89	15.07	17.65	20.57	23.75	27.06	30.44	33.63	36.45	38.72	40.31	41.17	41.30
22	8.79	10.40	12.61	15.41	18.73	22.42	26.31	30.23	33.83	36.84	39.07	40.40	40.81
23	5.25	6.31	8.12	10.72	14.04	17.94	22.18	26.53	30.70	34.30	37.07	38.84	39.59
24	2.52	3.11	4.53	6.85	10.03	13.91	18.25	22.76	27.20	31.16	34.32	36.49	37.63
25	.77	.98	2.04	4.01	6.88	10.51	15.68	19.09	23.47	27.54	30.92	33.42	34.97
26	.06	.00	.71	2.28	4.70	7.86	11.59	15.63	19.69	23.59	27.01	29.74	31.72

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	68.39	69.18	69.10	68.30	66.99	65.37	63.75	62.30	61.17	60.53	60.53	61.28	62.83
2	64.62	65.19	64.89	63.96	62.66	61.32	60.16	59.32	58.96	59.19	60.06	61.59	63.74
3	60.21	60.53	60.02	58.97	57.77	56.75	56.07	55.92	56.41	57.57	59.37	61.73	64.52
4	55.41	55.47	54.77	53.64	52.63	51.91	51.73	52.27	53.60	55.67	58.38	61.55	64.96
5	50.58	50.44	49.62	48.49	47.51	47.10	47.40	48.58	50.65	53.54	57.04	60.89	64.93
6	45.98	45.67	44.76	43.66	42.79	42.64	43.35	45.05	47.71	51.20	55.27	59.66	64.11
7	41.80	41.38	40.47	39.47	38.78	38.80	39.83	41.87	44.88	48.71	53.08	57.74	62.34
8	38.24	37.79	36.96	36.12	35.63	35.83	37.01	39.19	42.30	46.16	50.50	55.10	59.58
9	35.46	35.05	34.37	33.75	33.48	33.83	35.01	37.12	40.09	43.61	47.60	51.82	55.92
10	33.52	33.21	32.76	32.38	32.32	32.77	33.86	35.68	38.17	41.18	44.59	48.09	51.60
11	32.43	32.27	32.06	31.99	32.07	32.59	33.96	35.86	36.72	38.98	41.59	44.26	47.01
12	32.12	32.11	32.19	32.26	32.53	32.98	33.65	34.57	35.79	37.17	38.82	40.68	42.69
13	32.48	32.61	32.83	33.13	33.47	33.89	34.23	34.65	35.19	35.75	36.55	37.58	38.92
14	33.36	33.57	33.90	34.29	34.66	34.93	35.01	34.97	34.87	34.80	34.89	35.28	36.08
15	34.64	34.84	35.18	35.60	35.92	36.03	35.85	35.40	34.88	34.37	34.01	33.99	34.49
16	36.19	36.24	36.47	36.76	36.93	36.86	36.49	35.85	35.12	34.45	33.97	33.87	34.34
17	37.41	37.55	37.56	37.61	37.55	37.30	36.89	36.21	35.55	35.04	34.78	34.92	35.64
18	38.41	38.42	38.35	38.06	37.73	37.34	36.89	36.48	36.17	36.08	36.34	37.03	38.25
19	39.24	39.20	38.77	38.15	37.58	37.11	36.81	36.74	36.97	37.55	38.53	39.76	41.86
20	40.63	39.82	38.85	37.94	37.18	36.70	36.41	37.00	37.89	39.30	41.19	43.49	46.10
21	40.80	39.82	38.60	37.51	36.65	36.23	36.42	37.31	38.92	41.18	43.98	47.14	50.60
22	40.41	39.41	38.09	36.95	36.11	35.85	36.37	37.76	40.02	43.09	46.61	50.50	54.56
23	39.42	38.58	37.37	36.35	35.69	35.68	36.55	38.39	41.17	44.74	48.85	53.26	57.70
24	37.83	37.34	36.47	35.79	35.46	35.80	37.01	39.19	42.30	46.16	50.50	55.10	59.58
25	35.67	35.72	35.41	35.26	35.43	36.19	37.74	40.14	43.34	47.19	51.91	56.83	60.00
26	33.00	33.75	34.20	34.74	35.53	36.77	38.61	41.10	44.20	47.74	51.54	55.42	58.97

TABLE 3.96 LOCAL ELEVATION TABLE 92

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	2.56	2.56	2.55	2.55	2.55	2.55	2.55	2.56	2.56	2.57	2.57	2.56	2.55
2	1.57	1.56	1.55	1.54	1.54	1.54	1.54	1.55	1.56	1.56	1.57	1.56	1.55
3	.72	.71	.70	.69	.68	.68	.68	.68	.69	.70	.71	.71	.70
4	.16	.15	.13	.12	.11	.11	.11	.12	.13	.14	.14	.15	.14
5	.07	.06	.04	.03	.02	.02	.02	.03	.04	.05	.05	.06	.05
6	.60	.59	.58	.57	.57	.57	.57	.57	.58	.59	.59	.59	.59
7	1.88	1.88	1.87	1.87	1.86	1.86	1.86	1.87	1.87	1.87	1.88	1.88	1.88
8	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.97	3.96	3.96	3.96	3.96	3.96
9	6.83	6.84	6.84	6.85	6.86	6.86	6.85	6.85	6.84	6.83	6.82	6.82	6.82
10	10.36	10.38	10.40	10.41	10.42	10.42	10.41	10.40	10.39	10.37	10.36	10.35	10.35
11	14.38	14.41	14.44	14.46	14.48	14.48	14.47	14.45	14.43	14.40	14.38	14.37	14.37
12	18.67	18.71	18.75	18.78	18.79	18.80	18.78	18.76	18.73	18.70	18.67	18.66	18.65
13	23.08	23.12	23.17	23.21	23.23	23.23	23.22	23.19	23.16	23.12	23.10	23.08	23.07
14	27.20	27.25	27.29	27.33	27.36	27.36	27.35	27.33	27.30	27.27	27.24	27.22	27.21
15	30.79	30.82	30.87	30.90	30.93	30.94	30.94	30.92	30.90	30.88	30.86	30.84	30.84
16	33.64	33.66	33.69	33.72	33.75	33.77	33.78	33.78	33.77	33.77	33.76	33.75	33.75
17	35.65	35.66	35.67	35.69	35.71	35.74	35.76	35.79	35.81	35.83	35.84	35.85	35.85
18	36.82	36.80	36.79	36.80	36.82	36.86	36.90	36.94	36.99	37.04	37.08	37.10	37.11
19	37.22	37.17	37.14	37.14	37.16	37.20	37.26	37.33	37.40	37.48	37.54	37.58	37.59
20	37.00	36.93	36.88	36.87	36.88	36.93	37.00	37.08	37.18	37.28	37.36	37.41	37.43
21	36.35	36.26	36.21	36.18	36.19	36.29	36.31	36.41	36.51	36.62	36.71	36.76	36.78
22	35.46	35.39	35.33	35.31	35.31	35.35	35.42	35.50	35.59	35.69	35.77	35.82	35.84
23	34.60	34.56	34.53	34.52	34.52	34.54	34.58	34.62	34.67	34.72	34.76	34.78	34.79
24	33.86	33.87	33.88	33.88	33.89	33.88	33.88	33.87	33.86	33.85	33.84	33.83	33.83
25	33.32	33.40	33.45	33.48	33.48	33.45	33.39	33.32	33.23	33.15	33.07	33.03	33.01
26	33.02	33.17	33.28	33.34	33.34	33.28	33.16	33.01	32.84	32.68	32.54	32.44	32.41

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	2.53	2.49	2.47	2.44	2.43	2.45	2.49	2.56	2.65	2.76	2.87	2.95	2.98
2	1.53	1.50	1.48	1.45	1.44	1.45	1.48	1.54	1.62	1.72	1.81	1.87	1.90
3	.68	.66	.64	.61	.60	.61	.63	.68	.74	.82	.89	.94	.96
4	.13	.11	.09	.08	.07	.07	.08	.11	.16	.21	.26	.30	.31
5	.05	.03	.02	.01	.00	.00	.01	.02	.05	.08	.10	.12	.13
6	.59	.59	.58	.57	.57	.56	.56	.57	.57	.58	.58	.58	.58
7	1.88	1.88	1.88	1.88	1.88	1.88	1.87	1.86	1.85	1.84	1.82	1.81	1.80
8	3.97	3.97	3.98	3.99	3.99	3.99	3.98	3.97	3.94	3.91	3.88	3.86	3.84
9	6.83	6.84	6.85	6.87	6.88	6.88	6.88	6.86	6.82	6.78	6.74	6.70	6.68
10	10.36	10.37	10.39	10.42	10.43	10.44	10.44	10.42	10.39	10.34	10.29	10.25	10.22
11	14.38	14.40	14.42	14.45	14.48	14.49	14.49	14.48	14.44	14.40	14.35	14.30	14.27
12	18.66	18.68	18.71	18.74	18.77	18.80	18.80	18.79	18.77	18.72	18.67	18.63	18.60
13	23.08	23.10	23.13	23.16	23.19	23.22	23.23	23.23	23.21	23.17	23.13	23.09	23.06
14	27.22	27.23	27.26	27.29	27.32	27.34	27.36	27.36	27.35	27.33	27.30	27.27	27.25
15	30.84	30.85	30.86	30.88	30.90	30.91	30.92	30.93	30.93	30.92	30.91	30.89	30.88
16	33.75	33.74	33.74	33.74	33.74	33.74	33.75	33.75	33.75	33.76	33.77	33.77	33.78
17	35.69	35.82	35.80	35.77	35.75	35.73	35.72	35.72	35.73	35.75	35.77	35.80	35.83
18	37.09	37.06	37.02	36.96	36.91	36.87	36.84	36.83	36.84	36.87	36.91	36.97	37.02
19	37.57	37.53	37.46	37.38	37.30	37.23	37.18	37.16	37.17	37.21	37.27	37.34	37.43
20	37.41	37.35	37.26	37.16	37.06	36.97	36.91	36.88	36.89	36.93	37.00	37.09	37.19
21	36.76	36.70	36.61	36.50	36.39	36.30	36.23	36.19	36.19	36.29	36.31	36.40	36.51
22	35.82	35.77	35.68	35.59	35.49	35.41	35.34	35.31	35.31	35.34	35.41	35.49	35.58
23	34.78	34.76	34.72	34.67	34.62	34.57	34.54	34.52	34.52	34.54	34.57	34.62	34.66
24	33.83	33.84	33.85	33.86	33.87	33.87	33.88	33.89	33.89	33.89	33.88	33.87	33.86
25	33.02	33.07	33.14	33.22	33.31	33.39	33.45	33.49	33.49	33.47	33.42	33.34	33.26
26	32.44	32.53	32.66	32.83	33.00	33.16	33.28	33.35	33.36	33.31	33.21	33.07	32.91

TABLE 3.97 LOCAL ELEVATION TABLE 93

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	8.67	8.74	8.79	8.81	8.77	8.68	8.53	8.31	8.09	7.83	7.53	7.21	6.88
2	7.76	7.85	7.93	7.95	7.90	7.77	7.56	7.26	6.87	6.40	5.88	5.31	4.73
3	6.95	7.06	7.13	7.16	7.11	6.96	6.72	6.37	5.92	5.38	4.77	4.11	3.42
4	6.37	6.47	6.54	6.56	6.51	6.38	6.15	5.83	5.40	4.89	4.31	3.67	2.99
5	6.21	6.29	6.35	6.37	6.33	6.22	6.04	5.78	5.44	5.03	4.55	4.02	3.46
6	6.66	6.72	6.75	6.77	6.74	6.67	6.55	6.38	6.16	5.88	5.55	5.19	4.79
7	7.86	7.89	7.91	7.91	7.90	7.87	7.81	7.72	7.61	7.47	7.31	7.12	6.92
8	9.88	9.89	9.89	9.89	9.88	9.88	9.87	9.85	9.83	9.80	9.78	9.76	9.74
9	12.70	12.70	12.70	12.69	12.70	12.70	12.71	12.72	12.75	12.80	12.88	12.98	13.12
10	16.23	16.22	16.22	16.22	16.22	16.22	16.23	16.24	16.28	16.35	16.47	16.65	16.91
11	20.27	20.28	20.29	20.30	20.29	20.27	20.24	20.22	20.22	20.27	20.38	20.61	20.96
12	24.60	24.63	24.66	24.66	24.65	24.60	24.53	24.46	24.42	24.43	24.53	24.76	25.13
13	29.08	29.14	29.18	29.19	29.16	29.08	28.95	28.80	28.67	28.59	28.62	28.79	29.15
14	33.28	33.37	33.43	33.45	33.40	33.29	33.10	32.86	32.69	32.47	32.41	32.52	32.83
15	36.96	37.07	37.15	37.17	37.11	36.97	36.73	36.43	36.12	35.87	35.73	35.77	36.03
16	39.91	40.03	40.12	40.14	40.08	39.91	39.65	39.31	38.95	38.64	38.44	38.41	38.61
17	42.01	42.14	42.22	42.25	42.18	42.02	41.75	41.39	41.01	40.68	40.45	40.38	40.52
18	43.25	43.37	43.45	43.47	43.41	43.25	43.00	42.67	42.31	41.99	41.75	41.66	41.75
19	43.70	43.80	43.86	43.88	43.83	43.69	43.48	43.20	42.89	42.61	42.40	42.30	42.35
20	43.47	43.55	43.60	43.61	43.57	43.47	43.30	43.09	42.86	42.66	42.49	42.41	42.42
21	42.76	42.81	42.84	42.84	42.82	42.75	42.65	42.53	42.39	42.26	42.16	42.10	42.09
22	41.76	41.77	41.78	41.78	41.77	41.74	41.71	41.67	41.63	41.59	41.55	41.51	41.48
23	40.67	40.66	40.65	40.65	40.65	40.66	40.68	40.71	40.75	40.79	40.82	40.82	40.78
24	39.68	39.65	39.63	39.61	39.62	39.66	39.74	39.84	39.95	40.06	40.14	40.17	40.11
25	38.85	38.81	38.77	38.75	38.77	38.83	38.94	39.09	39.26	39.42	39.54	39.59	39.52
26	38.27	38.21	38.16	38.15	38.17	38.25	38.38	38.55	38.75	38.94	39.08	39.14	39.07

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	6.55	6.25	5.98	5.77	5.62	5.55	5.58	5.70	5.93	6.25	6.66	7.13	7.64
2	4.16	3.62	3.14	2.75	2.48	2.35	2.39	2.62	3.02	3.61	4.36	5.23	6.17
3	2.73	2.07	1.48	1.00	.66	.49	.54	.81	1.32	2.07	3.02	4.13	5.34
4	2.31	1.64	1.04	.54	.18	.00	.04	.32	.85	1.64	2.66	3.85	5.15
5	2.87	2.30	1.77	1.32	.99	.82	.84	1.09	1.58	2.30	3.24	4.34	5.55
6	4.37	3.96	3.57	3.23	2.97	2.84	2.85	3.03	3.40	3.96	4.68	5.54	6.48
7	6.70	6.48	6.28	6.10	5.96	5.88	5.89	5.98	6.18	6.48	6.88	7.34	7.86
8	9.73	9.73	9.73	9.74	9.75	9.76	9.76	9.76	9.75	9.73	9.69	9.64	9.59
9	13.30	13.51	13.73	13.94	14.12	14.23	14.25	14.15	13.90	13.51	12.97	12.33	11.61
10	17.24	17.63	18.06	18.48	18.84	19.07	19.11	18.90	18.42	17.63	16.57	15.28	13.84
11	21.42	21.97	22.57	23.19	23.73	24.08	24.15	23.85	23.12	21.94	20.33	18.39	16.22
12	25.66	26.32	27.06	27.85	28.55	29.01	29.12	28.74	27.80	26.27	24.16	21.58	18.72
13	29.70	30.43	31.27	32.19	33.02	33.58	33.72	33.29	32.19	30.36	27.85	24.75	21.28
14	33.38	34.13	35.03	36.02	36.94	37.57	37.74	37.28	36.07	34.05	31.25	27.79	23.87
15	36.53	37.28	38.18	39.19	40.14	40.81	41.00	40.54	39.29	37.18	34.29	30.60	26.46
16	39.06	39.75	40.62	41.58	42.52	43.18	43.38	42.94	41.72	39.65	36.75	33.13	28.98
17	40.90	41.58	42.28	43.16	44.02	44.64	44.83	44.44	43.32	41.41	38.71	35.32	31.40
18	42.04	42.55	43.20	43.94	44.68	45.21	45.39	45.05	44.10	42.46	40.12	37.15	33.68
19	42.56	42.94	43.44	44.01	44.58	45.00	45.14	44.89	44.15	42.87	41.02	38.43	35.27
20	42.55	42.79	43.11	43.49	43.86	44.15	44.25	44.09	43.61	42.74	41.46	39.75	37.65
21	42.13	42.23	42.37	42.54	42.72	42.86	42.91	42.85	42.63	42.21	41.53	40.57	39.28
22	41.45	41.42	41.38	41.36	41.34	41.34	41.35	41.37	41.41	41.42	41.34	41.12	40.64
23	40.68	40.53	40.34	40.14	39.96	39.84	39.82	39.93	40.18	40.55	40.99	41.44	41.72
24	39.96	39.72	39.40	39.05	38.72	38.50	38.44	38.61	39.06	39.75	40.62	41.58	42.52
25	39.33	39.02	38.60	38.15	37.73	37.43	37.35	37.57	38.15	39.07	40.25	41.59	43.01
26	38.86	38.51	38.04	37.53	37.06	36.73	36.64	36.87	37.53	38.57	39.94	41.52	43.21

TABLE 3.98 LOCAL ELEVATION TABLE 94

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	58.08	57.27	56.43	55.61	54.89	54.28	53.84	53.57	53.48	53.57	53.82	54.24	54.79
2	58.64	58.16	57.65	57.16	56.72	56.36	56.10	55.95	55.91	55.97	56.13	56.36	56.67
3	59.67	59.61	59.53	59.44	59.36	59.32	59.30	59.31	59.33	59.36	59.38	59.39	59.36
4	61.16	61.59	62.00	62.38	62.73	63.05	63.31	63.51	63.61	63.60	63.46	63.19	62.78
5	63.03	64.00	64.95	65.85	66.67	67.38	67.95	68.35	68.53	68.48	68.17	67.59	66.77
6	65.15	66.69	68.21	69.65	70.96	72.09	72.98	73.58	73.85	73.75	73.25	72.36	71.10
7	67.43	69.53	71.63	73.62	75.44	76.99	78.21	79.02	79.38	79.22	78.54	77.32	75.61
8	69.62	72.29	74.97	77.51	79.81	81.77	83.29	84.30	84.72	84.51	83.64	82.12	79.99
9	71.46	74.68	77.92	80.98	83.74	86.07	87.87	89.04	89.51	89.23	88.18	86.39	83.90
10	72.74	76.49	80.24	83.77	86.94	89.60	91.63	92.92	93.41	93.06	91.86	89.83	87.05
11	73.29	77.50	81.71	85.67	89.18	92.10	94.30	95.67	96.16	95.72	94.38	92.17	89.18
12	72.95	77.57	82.17	86.46	90.24	93.35	95.65	97.05	97.50	96.98	95.53	93.20	90.11
13	71.63	76.57	81.47	86.01	89.98	93.19	95.52	96.90	97.28	96.68	95.15	92.78	89.68
14	69.29	74.46	79.55	84.23	88.28	91.52	93.81	95.11	95.40	94.73	93.16	90.82	87.83
15	65.93	71.21	76.38	81.10	85.13	88.29	90.48	91.65	91.89	91.10	89.56	87.33	84.56
16	61.60	66.87	71.99	76.61	80.52	83.52	85.54	86.56	86.63	85.86	84.38	82.34	79.91
17	56.38	61.50	66.43	70.85	74.52	77.29	79.08	79.92	79.89	79.11	77.76	75.99	73.98
18	50.38	55.23	59.85	63.93	67.28	69.73	71.26	71.90	71.78	71.03	69.86	68.44	66.96
19	43.77	48.22	52.41	56.06	58.99	61.07	62.31	62.75	62.54	61.87	60.93	59.96	59.09
20	36.79	40.72	44.37	47.50	49.94	51.62	52.53	52.78	52.52	51.95	51.33	50.84	50.57
21	29.77	33.07	36.08	38.61	40.52	41.76	42.35	42.41	42.11	41.69	41.41	41.37	41.70
22	22.97	25.64	28.02	29.95	31.33	32.13	32.40	32.28	31.95	31.63	31.54	31.91	32.81
23	16.63	18.66	20.41	21.74	22.60	22.97	22.93	22.64	22.28	22.07	22.21	22.89	24.23
24	11.02	12.49	13.59	14.36	14.73	14.70	14.38	13.92	13.51	13.38	13.71	14.69	16.40
25	6.36	7.25	7.87	8.16	8.09	7.71	7.13	6.51	6.04	5.93	6.38	7.54	9.50
26	2.83	3.28	3.47	3.36	2.95	2.28	1.48	.70	.14	.00	.47	1.69	3.75

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	55.45	56.21	57.02	57.86	58.69	59.50	60.28	60.99	61.60	62.07	62.40	62.58	62.60
2	57.02	57.42	57.85	58.29	58.73	59.17	59.59	59.99	60.37	60.68	60.90	61.03	61.05
3	59.32	59.25	59.17	59.09	59.03	58.99	59.00	59.05	59.14	59.26	59.38	59.48	59.53
4	62.26	61.65	60.97	60.28	59.62	59.03	58.56	58.22	58.02	57.95	57.98	58.06	58.15
5	65.72	64.50	63.18	61.82	60.51	59.33	58.33	57.58	57.08	56.83	56.77	56.86	57.01
6	69.51	67.67	65.67	63.63	61.66	59.89	58.40	57.24	56.43	55.98	55.86	55.97	56.20
7	73.47	71.00	68.33	65.64	63.08	60.74	58.75	57.20	56.11	55.49	55.28	55.43	55.75
8	77.35	74.31	71.03	67.74	64.61	61.76	59.33	57.44	56.11	55.35	55.08	55.24	55.66
9	80.82	77.30	73.51	69.74	66.13	62.86	60.09	57.92	56.41	55.54	55.24	55.40	55.90
10	83.63	79.75	75.59	71.46	67.53	63.96	60.94	58.59	56.95	56.02	55.71	55.89	56.42
11	85.55	81.44	77.07	72.76	68.66	64.95	61.82	59.38	57.69	56.74	56.43	56.62	57.19
12	86.38	82.22	77.82	73.51	69.41	65.73	62.62	60.21	58.55	57.61	57.31	57.51	58.09
13	86.01	81.95	77.71	73.59	69.68	66.19	63.25	60.98	59.42	58.54	58.27	58.46	58.96
14	84.36	80.57	76.69	72.92	69.39	66.24	63.62	61.59	60.20	59.43	59.19	59.37	59.81
15	81.42	78.06	74.70	71.47	68.46	65.82	63.62	61.94	60.80	60.16	59.96	60.11	60.48
16	77.22	74.46	71.76	69.20	66.87	64.84	63.19	61.94	61.09	60.62	60.48	60.59	60.87
17	71.88	69.84	67.90	66.13	64.58	63.28	62.24	61.48	60.98	60.70	60.63	60.70	60.86
18	65.54	64.28	63.19	62.30	61.60	61.09	60.73	60.50	60.37	60.31	60.30	60.32	60.37
19	58.40	57.94	57.75	57.78	57.98	58.29	58.65	58.99	59.25	59.40	59.46	59.43	59.34
20	50.61	51.00	51.71	52.67	53.77	54.94	56.02	56.91	57.55	57.91	58.03	57.93	57.71
21	42.47	43.68	45.27	47.11	49.09	51.07	52.82	54.23	55.23	55.79	55.96	55.81	55.45
22	34.26	36.23	38.62	41.27	44.06	46.74	49.10	50.98	52.30	53.04	53.26	53.07	52.60
23	26.27	28.89	31.97	35.31	38.77	42.06	44.93	47.21	48.80	49.70	49.97	49.74	49.18
24	18.85	21.98	25.60	29.50	33.42	37.15	40.41	43.00	44.81	45.84	46.16	45.91	45.28
25	12.25	15.70	19.67	23.92	28.16	32.19	35.65	38.45	40.42	41.54	41.91	41.66	40.99
26	6.62	10.21	14.32	18.71	23.09	27.20	30.77	33.67	35.73	36.92	37.32	37.09	36.41

TABLE 3.99 LOCAL ELEVATION TABLE 95

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	38.08	38.36	38.62	38.86	39.05	39.19	39.23	39.16	38.92	38.48	37.80	36.87	35.70
2	38.32	38.62	38.90	39.15	39.34	39.46	39.48	39.37	39.09	38.60	37.88	36.92	35.73
3	37.79	38.05	38.29	38.51	38.69	38.83	38.88	38.82	38.60	38.20	37.58	36.72	35.62
4	36.34	36.47	36.61	36.76	36.93	37.10	37.26	37.36	37.35	37.18	36.82	36.21	35.37
5	33.90	33.82	33.80	33.87	34.02	34.27	34.59	34.95	35.29	35.53	35.59	35.41	34.95
6	30.49	30.15	29.93	29.87	30.03	30.41	30.98	31.70	32.50	33.30	33.94	34.34	34.40
7	26.28	25.64	25.18	25.01	25.18	25.73	26.64	27.83	29.19	30.65	32.00	33.08	33.76
8	21.52	20.58	19.90	19.63	19.86	20.62	21.90	23.62	25.63	27.84	29.96	31.78	33.12
9	16.52	15.34	14.50	14.18	14.50	15.52	17.22	19.53	22.29	25.23	28.08	30.59	32.55
10	11.79	10.44	9.51	9.20	9.67	11.00	13.17	16.05	19.42	23.01	26.51	29.62	32.11
11	7.54	6.22	5.37	5.21	5.91	7.55	10.11	13.49	17.32	21.42	25.42	29.00	31.87
12	4.04	2.95	2.35	2.47	3.48	5.49	8.34	12.03	16.25	20.69	24.99	28.82	31.89
13	1.55	.88	.71	1.23	2.61	4.91	8.09	11.99	16.38	20.92	25.28	29.13	32.19
14	.19	.14	.55	1.60	3.40	6.01	9.38	13.35	17.69	22.11	26.29	29.91	32.73
15	.00	.72	1.84	3.48	5.73	8.62	12.08	15.96	20.07	24.13	27.88	31.05	33.44
16	.93	2.50	4.38	6.65	9.34	12.44	15.88	19.53	23.22	26.74	29.87	32.42	34.26
17	2.83	5.25	7.89	10.75	13.82	17.09	20.35	23.64	26.78	29.65	32.07	33.90	35.07
18	5.52	8.70	12.00	15.35	18.74	22.05	25.18	28.03	30.54	32.61	34.18	35.20	35.67
19	8.76	12.53	16.91	20.20	23.75	26.95	29.73	32.03	33.82	35.08	35.83	36.09	35.93
20	12.32	16.56	20.74	24.67	28.17	31.13	33.47	35.17	36.25	36.76	36.77	36.41	35.76
21	16.07	20.41	24.59	28.90	31.65	34.23	36.07	37.17	37.59	37.45	36.88	36.06	35.15
22	19.72	23.85	27.75	31.20	34.02	36.10	37.38	37.90	37.76	37.12	36.16	35.12	34.20
23	23.19	26.78	30.15	33.09	35.28	36.76	37.48	37.47	36.88	35.90	34.76	33.74	32.96
24	26.22	29.17	31.83	34.02	35.59	36.45	36.62	36.17	35.25	34.08	33.00	32.12	31.64
25	28.88	31.05	32.93	34.37	35.25	35.53	35.21	34.42	33.36	32.20	31.18	30.56	30.49
26	31.12	32.52	33.65	34.39	34.72	34.56	33.93	32.94	31.78	30.66	29.80	29.43	29.78

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	34.33	32.89	31.54	30.43	29.79	29.66	30.34	31.90	34.36	37.68	41.71	46.22	50.99
2	34.35	32.91	31.58	30.49	29.81	29.72	30.38	31.90	34.29	37.52	41.99	45.83	50.47
3	34.35	33.00	31.73	30.69	30.03	29.99	30.57	32.01	34.30	37.40	41.18	45.42	49.99
4	34.31	33.14	31.99	31.03	30.41	30.32	30.89	32.29	34.42	37.38	41.02	45.14	49.63
5	34.23	33.33	32.34	31.50	30.93	30.82	31.33	32.59	34.65	37.49	41.02	45.09	49.47
6	34.13	33.56	32.80	32.06	31.55	31.42	31.86	33.02	34.98	37.72	41.18	45.16	49.59
7	34.01	33.83	33.32	32.69	32.22	32.07	32.43	33.49	35.35	38.03	41.45	45.45	49.81
8	33.90	34.11	33.87	33.34	32.89	32.70	32.98	33.99	35.72	38.35	41.76	45.81	50.25
9	33.82	34.40	34.40	33.98	33.50	33.25	33.43	34.29	35.98	38.57	41.99	46.10	50.64
10	33.80	34.69	34.87	34.52	33.98	33.65	33.72	34.47	36.07	38.60	42.02	46.16	50.77
11	33.87	34.96	35.25	34.91	34.28	33.85	33.80	34.42	35.91	38.36	41.73	45.85	50.42
12	34.02	35.19	35.49	35.11	34.37	33.82	33.64	34.12	35.47	37.80	41.06	45.08	49.61
13	34.27	35.38	35.59	35.10	34.29	33.56	33.23	33.56	34.75	36.91	39.98	43.81	48.12
14	34.59	35.51	35.54	34.90	33.90	33.09	32.63	32.80	33.81	35.74	38.56	42.08	46.07
15	34.95	35.56	35.39	34.53	33.42	32.50	31.92	31.95	32.76	34.99	36.93	40.06	43.60
16	35.29	35.50	35.02	34.05	32.88	31.89	31.29	31.15	31.78	33.18	35.29	37.78	41.00
17	35.53	35.34	34.61	33.55	32.38	31.38	30.73	30.58	31.05	32.18	33.91	36.17	38.68
18	35.59	35.05	34.15	33.11	32.05	31.19	30.55	30.42	30.82	31.77	33.18	34.93	36.83
19	35.41	34.62	33.70	32.79	31.96	31.31	30.99	30.99	31.33	32.10	33.17	34.92	35.71
20	34.95	34.11	33.32	32.68	32.20	31.93	31.90	32.13	32.59	33.24	34.02	34.89	35.57
21	34.31	33.59	33.07	32.82	32.84	33.08	33.49	34.03	34.65	35.27	35.84	36.28	36.55
22	33.47	33.05	32.98	33.27	33.91	34.75	35.70	36.65	37.49	38.16	38.60	38.77	38.66
23	32.54	32.59	33.11	34.06	35.41	36.93	38.47	39.88	41.02	41.81	42.19	42.18	41.79
24	31.68	32.31	33.51	35.19	37.29	39.52	41.67	43.57	45.09	46.00	46.41	46.29	45.74
25	31.07	32.34	34.25	36.68	39.49	42.40	45.15	47.52	49.33	50.99	50.97	50.83	50.20
26	30.90	32.80	35.37	38.48	41.93	45.44	48.77	51.61	53.76	55.13	55.71	55.59	54.92

TABLE 3.100 LOCAL ELEVATION TABLE 96

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	4.29	4.03	3.82	3.68	3.62	3.64	3.71	3.82	3.96	4.10	4.23	4.34	4.42
2	3.14	2.71	2.38	2.19	2.13	2.19	2.35	2.58	2.83	3.09	3.31	3.50	3.62
3	2.16	1.60	1.19	.96	.90	1.00	1.23	1.54	1.89	2.23	2.54	2.77	2.94
4	1.50	.87	.41	.15	.10	.23	.50	.87	1.28	1.68	2.03	2.30	2.47
5	1.37	.74	.29	.04	.00	.14	.42	.80	1.21	1.61	1.96	2.22	2.38
6	1.93	1.42	1.05	.85	.82	.95	1.18	1.50	1.84	2.17	2.46	2.67	2.79
7	3.31	3.04	2.84	2.74	2.73	2.80	2.93	3.11	3.30	3.48	3.64	3.75	3.82
8	5.54	5.63	5.70	5.74	5.75	5.74	5.71	5.68	5.63	5.59	5.56	5.53	5.52
9	8.55	9.12	9.53	9.76	9.81	9.70	9.47	9.15	8.81	8.48	8.21	8.01	7.90
10	12.15	13.29	14.11	14.57	14.68	14.46	14.00	13.38	12.71	12.06	11.52	11.13	10.92
11	16.08	17.83	19.10	19.81	19.99	19.69	19.02	18.11	17.11	16.15	15.34	14.77	14.46
12	20.16	22.55	24.27	25.27	25.55	25.18	24.31	23.11	21.81	20.61	19.60	18.86	18.44
13	60.87	26.78	28.93	30.21	30.64	30.30	29.36	28.02	26.54	25.18	24.01	23.15	22.67
14	101.57	67.07	32.57	34.13	34.76	34.56	33.69	32.38	30.88	29.48	28.27	27.38	26.86
15	103.36	69.08	34.80	36.61	37.49	37.54	36.92	35.84	34.52	33.26	32.16	31.32	30.81
16	103.82	69.60	35.37	37.38	38.56	39.00	38.80	38.16	37.25	36.31	35.47	34.79	34.35
17	102.90	68.55	34.19	36.36	37.89	38.81	39.22	39.22	38.94	38.50	38.04	37.64	37.31
18	100.70	66.06	31.42	33.69	35.58	37.09	38.23	39.03	39.54	39.80	39.88	39.81	39.64
19	59.69	25.01	27.37	29.70	31.95	34.08	36.02	37.72	39.13	40.20	40.91	41.27	41.32
20	18.79	20.59	22.65	24.97	27.51	30.18	32.92	35.53	37.85	39.75	41.14	41.97	42.26
21	14.63	15.89	17.65	19.95	22.75	25.93	29.30	32.74	35.90	38.58	40.61	41.91	42.47
22	10.58	11.37	12.87	15.14	18.13	21.73	25.66	29.65	33.51	36.83	39.42	41.14	41.98
23	7.02	7.49	8.81	11.06	14.18	18.01	22.27	26.66	30.86	34.64	37.64	39.71	40.83
24	4.21	4.56	5.79	7.99	11.10	14.97	19.31	23.82	28.16	32.13	35.37	37.69	39.07
25	2.22	2.66	3.91	6.04	9.04	12.74	16.91	21.25	25.47	29.39	32.67	35.15	36.77
26	1.05	1.77	3.13	5.20	7.97	11.31	15.06	18.97	22.81	26.45	29.61	32.13	33.99

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	4.47	4.50	4.52	4.53	4.55	4.57	4.60	4.63	4.67	4.70	4.72	4.70	4.65
2	3.70	3.73	3.73	3.73	3.73	3.73	3.75	3.78	3.81	3.85	3.87	3.86	3.82
3	3.03	3.05	3.04	2.99	2.95	2.92	2.91	2.92	2.95	2.99	3.02	3.03	2.99
4	2.56	2.57	2.52	2.45	2.37	2.31	2.27	2.27	2.30	2.34	2.38	2.39	2.37
5	2.45	2.43	2.37	2.27	2.17	2.09	2.04	2.03	2.05	2.09	2.14	2.16	2.15
6	2.83	2.81	2.74	2.64	2.55	2.48	2.43	2.42	2.45	2.48	2.52	2.55	2.53
7	3.83	3.81	3.77	3.71	3.66	3.62	3.61	3.62	3.64	3.68	3.71	3.71	3.69
8	5.51	5.52	5.53	5.55	5.58	5.62	5.66	5.70	5.73	5.76	5.77	5.75	5.70
9	7.88	7.92	8.03	8.16	8.30	8.44	8.56	8.65	8.70	8.72	8.70	8.64	8.56
10	10.88	10.98	11.19	11.45	11.74	12.00	12.21	12.35	12.42	12.43	12.37	12.28	12.14
11	14.40	14.56	14.88	15.28	15.70	16.08	16.38	16.58	16.67	16.66	16.58	16.43	16.25
12	18.34	18.52	18.90	19.41	19.95	20.44	20.84	21.09	21.20	21.18	21.06	20.87	20.65
13	22.55	22.74	23.17	23.73	24.35	24.92	25.37	25.65	25.76	25.74	25.60	25.38	25.14
14	26.71	26.89	27.31	27.87	28.50	29.07	29.51	29.79	29.90	29.87	29.72	29.51	29.28
15	30.64	30.77	31.11	31.58	32.12	32.62	33.00	33.24	33.33	33.29	33.16	32.98	32.79
16	34.15	34.18	34.38	34.68	35.03	35.37	35.63	35.78	35.84	35.81	35.72	35.60	35.48
17	37.10	37.00	36.99	37.04	37.13	37.23	37.30	37.34	37.35	37.33	37.30	37.28	37.27
18	39.41	39.16	38.89	38.65	38.42	38.23	38.09	37.99	37.94	37.94	37.98	38.06	38.16
19	41.10	40.67	40.12	39.51	38.97	38.49	38.11	37.87	37.75	37.76	37.87	38.06	38.29
20	42.08	41.52	40.71	39.79	38.93	38.17	37.58	37.19	37.02	37.04	37.22	37.50	37.85
21	42.37	41.74	40.75	39.58	38.48	37.49	36.73	36.23	36.02	36.05	36.28	36.65	37.08
22	42.01	41.40	40.34	39.05	37.80	36.69	35.83	35.27	35.03	35.09	35.38	35.80	36.27
23	41.06	40.58	39.59	38.33	37.08	35.97	35.11	34.58	34.38	34.45	34.74	35.15	35.61
24	39.57	39.34	38.59	37.54	36.49	35.53	34.79	34.32	34.15	34.21	34.46	34.81	35.18
25	37.60	37.75	37.40	36.75	36.05	35.39	34.86	34.53	34.40	34.45	34.61	34.84	35.07
26	35.20	35.84	36.05	35.96	35.77	35.52	35.31	35.17	35.11	35.13	35.18	35.24	35.27

TABLE 3.101 LOCAL ELEVATION TABLE 97

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	64.05	63.33	65.21	69.37	74.69	72.23	68.41	64.66	61.25	58.34	56.03	54.42	53.56
2	44.82	44.99	48.63	55.06	64.00	72.79	71.76	68.58	65.65	63.09	61.01	59.49	58.57
3	25.48	26.84	32.97	43.38	55.00	67.34	75.35	72.93	70.63	68.57	66.82	65.45	64.54
4	7.45	10.49	22.28	35.50	49.43	63.74	76.73	77.17	75.65	74.22	72.95	71.92	71.15
5	.00	5.74	18.29	32.86	48.11	63.64	79.32	80.99	80.24	79.51	78.85	78.27	77.80
6	4.93	8.78	21.56	35.99	51.31	67.14	81.91	84.02	84.05	84.07	84.08	84.09	84.08
7	20.82	23.67	31.72	44.42	58.69	73.95	85.35	86.10	86.85	87.62	88.38	89.08	89.69
8	38.74	40.92	47.23	56.93	69.38	82.49	85.86	87.19	88.57	90.02	91.53	92.99	94.33
9	57.54	59.13	64.13	72.14	81.68	84.29	85.76	87.38	89.25	91.32	93.50	95.73	97.85
10	76.88	77.92	80.47	81.94	82.67	83.62	85.01	86.83	89.06	91.63	94.42	97.33	100.21
11	82.69	82.06	81.64	81.53	81.82	82.59	83.91	85.80	88.23	91.15	94.43	97.89	101.44
12	83.12	82.22	81.49	81.06	81.04	81.56	82.71	84.53	87.03	90.13	93.71	97.59	101.62
13	83.60	82.49	81.50	80.78	80.47	80.72	81.63	83.28	85.69	88.80	92.50	96.58	100.86
14	84.05	82.81	81.68	80.76	80.22	80.21	80.86	82.26	84.45	87.39	90.98	95.03	99.32
15	84.39	83.17	82.02	81.02	80.33	80.11	80.50	81.60	83.46	86.07	89.34	93.12	97.20
16	84.59	83.55	82.50	81.53	80.80	80.45	80.60	81.37	82.82	84.95	87.72	91.01	94.66
17	84.66	83.91	83.08	82.27	81.58	81.16	81.11	81.54	82.52	84.09	86.22	88.85	91.88
18	84.61	84.24	83.72	83.14	82.58	82.15	81.94	82.05	82.54	83.48	84.89	86.75	89.04
19	84.50	84.52	84.38	84.08	83.68	83.29	82.96	82.76	82.79	83.10	83.77	84.83	86.31
20	84.34	84.76	84.98	84.99	84.81	84.48	84.03	83.57	83.17	82.91	82.87	83.16	83.86
21	84.20	84.93	85.47	85.77	85.79	85.55	85.07	84.39	83.60	82.85	82.22	81.85	81.86
22	84.07	85.04	85.82	86.33	86.52	86.37	85.88	85.09	84.05	82.91	81.84	80.95	80.40
23	83.98	85.07	85.99	86.64	86.95	86.88	86.41	85.56	84.40	83.03	81.68	80.44	79.51
24	83.93	85.04	86.00	86.69	87.06	87.04	86.61	85.78	84.61	83.18	81.72	80.33	79.19
25	83.92	84.94	85.84	86.51	86.87	86.89	86.52	85.77	84.68	83.34	81.93	80.55	79.39
26	83.94	84.80	85.56	86.14	86.46	86.49	86.19	85.56	84.64	83.50	82.27	81.05	80.01

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	53.47	54.16	55.58	57.66	60.31	63.38	66.73	70.18	73.57	80.56	87.85	73.88	61.79
2	58.30	58.68	59.69	61.28	63.37	65.85	68.60	71.47	74.30	76.97	83.59	78.85	70.21
3	64.15	64.27	64.88	65.97	67.46	69.29	71.36	73.54	75.72	77.79	79.64	80.90	80.51
4	70.70	70.58	70.87	71.50	72.43	73.60	74.96	76.41	77.88	79.28	80.54	81.59	83.56
5	77.49	77.33	77.36	77.62	78.07	78.64	79.31	80.03	80.77	81.48	82.12	82.65	83.06
6	84.07	84.06	84.06	84.06	84.14	84.21	84.27	84.32	84.36	84.39	84.41	84.43	84.45
7	90.18	90.52	90.68	90.65	90.44	90.08	89.65	89.11	88.53	87.94	87.40	86.94	86.60
8	95.46	96.30	96.81	96.95	96.71	96.12	95.25	94.21	93.11	92.00	90.98	90.11	89.46
9	99.71	101.19	102.19	102.65	102.55	101.92	100.86	99.48	97.92	96.40	95.00	93.83	92.95
10	102.82	105.00	106.58	107.49	107.67	107.17	106.09	104.57	102.80	101.04	99.40	98.01	96.96
11	104.75	107.60	109.80	111.22	111.80	111.57	110.64	109.18	107.39	105.55	103.85	102.40	101.31
12	105.50	108.94	111.71	113.66	114.70	114.86	114.24	113.02	111.42	109.69	108.10	106.73	105.70
13	105.12	108.99	112.24	114.68	116.22	116.86	116.70	115.89	114.66	113.25	111.93	110.78	109.93
14	103.72	107.82	111.90	114.25	116.27	117.45	117.86	117.63	116.96	116.05	115.15	114.36	113.78
15	101.45	105.57	109.29	112.44	114.90	116.64	117.70	118.17	118.21	117.97	117.61	117.30	117.07
16	98.51	102.42	106.11	109.43	112.26	114.54	116.29	117.55	118.39	118.93	119.27	119.48	119.64
17	95.19	98.63	102.13	105.49	108.60	111.38	113.81	115.87	117.57	118.94	120.03	120.86	121.46
18	91.68	94.60	97.73	100.95	104.24	107.44	110.50	113.32	115.85	118.05	119.88	121.32	122.37
19	88.22	90.55	93.26	96.32	99.63	103.09	106.64	110.19	113.41	116.36	118.86	120.85	122.30
20	85.04	86.75	89.01	91.81	95.09	98.73	102.60	106.57	110.44	113.98	117.04	119.48	121.29
21	82.37	83.50	85.31	87.81	90.96	94.65	98.71	102.92	107.13	111.07	114.50	117.24	119.21
22	80.36	80.98	82.35	84.52	87.45	91.04	95.11	99.40	103.68	107.79	111.37	114.25	116.30
23	79.07	79.28	80.26	82.09	84.73	88.09	91.97	96.13	100.31	104.27	107.80	110.63	112.63
24	78.50	78.43	79.10	80.58	82.87	86.07	89.39	93.21	97.08	100.71	103.95	106.55	108.38
25	78.41	78.37	78.80	79.96	81.85	84.39	87.41	90.72	94.08	97.25	100.01	102.22	103.78
26	79.28	79.00	79.25	80.10	81.55	83.57	86.00	88.67	91.39	93.95	96.18	97.94	99.16

TABLE 3.102 LOCAL ELEVATION TABLE 98

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	4.58	6.31	8.27	10.27	12.11	13.59	14.51	14.77	14.30	13.19	11.60	9.81	8.17
2	5.15	6.43	7.84	9.28	10.56	11.50	11.97	11.86	11.14	9.90	8.30	6.60	5.10
3	5.78	6.59	7.47	8.37	9.12	9.61	9.72	9.37	8.57	7.38	5.96	4.53	3.36
4	6.34	6.70	7.10	7.48	7.78	7.90	7.76	7.32	6.60	5.66	4.62	3.66	3.00
5	6.76	6.71	6.67	6.61	6.53	6.37	6.10	5.71	5.23	4.70	4.23	3.92	3.93
6	7.03	6.62	6.19	5.78	5.39	5.04	4.75	4.53	4.41	4.44	4.67	5.15	5.95
7	7.13	6.43	5.68	4.99	4.39	3.94	3.71	3.74	4.07	4.74	5.76	7.10	8.76
8	7.08	6.15	5.20	4.31	3.59	3.14	3.05	3.40	4.25	5.59	7.39	9.59	12.08
9	6.91	5.87	4.80	3.79	3.02	2.63	2.72	3.40	4.73	6.69	9.22	12.20	15.45
10	6.69	5.64	4.52	3.46	2.72	2.41	2.68	3.65	5.38	7.84	10.95	14.53	18.38
11	6.49	5.49	4.40	3.39	2.71	2.50	2.91	4.09	6.07	8.85	12.31	16.27	20.49
12	6.33	5.46	4.48	3.57	3.00	2.88	3.38	4.64	6.72	9.59	13.14	17.19	21.51
13	6.24	5.55	4.76	4.01	3.55	3.51	4.03	5.25	7.23	9.95	13.32	17.18	21.31
14	6.22	5.76	5.20	4.65	4.33	4.33	4.80	5.86	7.57	9.92	12.86	16.26	19.94
15	6.25	6.06	5.74	5.42	5.23	5.25	5.61	6.41	7.70	9.52	11.82	14.54	17.58
16	6.32	6.39	6.34	6.22	6.15	6.17	6.38	6.85	7.65	8.81	10.35	12.26	14.51
17	6.40	6.72	6.91	6.99	6.99	6.99	7.03	7.16	7.43	7.91	8.65	9.70	11.10
18	6.44	6.94	7.33	7.58	7.69	7.67	7.53	7.31	7.08	6.92	6.90	7.14	7.73
19	6.41	7.02	7.53	7.90	8.09	8.07	7.82	7.35	6.70	6.02	5.39	4.95	4.85
20	6.30	6.92	7.49	7.92	8.16	8.14	7.83	7.21	6.30	5.29	4.22	3.27	2.64
21	6.13	6.66	7.19	7.63	7.89	7.89	7.57	6.90	5.92	4.74	3.45	2.22	1.25
22	5.91	6.28	6.69	7.08	7.33	7.36	7.10	6.50	5.59	4.44	3.13	1.83	.73
23	5.68	5.85	6.09	6.36	6.59	6.66	6.50	6.07	5.36	4.38	3.24	2.07	1.03
24	5.52	5.45	5.50	5.66	5.83	5.95	5.93	5.71	5.25	4.57	3.73	2.83	1.98
25	5.47	5.16	5.03	5.06	5.18	5.34	5.45	5.45	5.30	4.97	4.51	3.95	3.37
26	5.59	5.07	4.76	4.66	4.73	4.92	5.15	5.36	5.50	5.53	5.45	5.25	4.99

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	7.02	6.71	7.53	9.63	13.02	17.54	22.91	28.71	34.50	39.83	44.30	47.64	49.72
2	4.13	4.01	4.98	7.18	10.59	15.06	20.29	25.88	31.40	36.42	40.57	43.58	45.36
3	2.73	2.89	4.05	6.32	9.67	13.94	18.85	24.03	29.09	33.63	37.32	39.93	41.40
4	2.84	3.39	4.80	7.12	10.33	14.27	18.69	23.28	27.69	31.59	34.71	36.86	38.01
5	4.39	5.42	7.11	9.49	12.49	15.99	19.79	23.62	27.24	30.38	32.85	34.51	35.35
6	7.13	8.71	10.73	13.15	15.91	18.91	21.98	24.97	27.70	30.01	31.77	32.93	33.48
7	10.70	12.88	15.24	17.71	20.21	22.68	25.00	27.11	28.93	30.39	31.45	32.12	32.42
8	14.75	17.51	20.22	22.74	24.98	26.90	28.49	29.77	30.73	31.39	31.80	32.03	32.11
9	18.85	22.18	25.21	27.79	29.83	31.30	32.23	32.70	32.85	32.84	32.71	32.56	32.47
10	22.36	26.12	29.42	32.08	33.99	35.15	35.64	35.57	35.13	34.53	34.01	33.59	33.36
11	24.84	28.88	32.36	35.10	36.98	38.01	38.28	37.95	37.24	36.37	35.61	35.02	34.69
12	25.96	30.09	33.67	36.49	38.45	39.55	39.88	39.59	38.89	38.03	37.25	36.63	36.26
13	25.59	29.63	33.19	36.10	38.24	39.60	40.24	40.29	39.92	39.33	38.72	38.20	37.82
14	23.78	27.55	31.00	33.97	36.37	38.14	39.33	39.98	40.21	40.14	39.89	39.55	39.22
15	20.80	24.11	27.34	30.36	33.06	35.36	37.24	38.69	39.71	40.35	40.64	40.64	40.39
16	17.04	19.79	22.70	25.68	28.67	31.54	34.19	36.52	38.44	39.89	40.82	41.22	41.13
17	12.89	15.07	17.65	20.57	23.75	27.06	30.44	33.63	36.45	38.72	40.31	41.17	41.30
18	8.79	10.40	12.61	15.41	18.73	22.42	26.31	30.23	33.83	36.84	39.07	40.40	40.81
19	5.25	6.31	8.12	10.72	14.04	17.94	22.18	26.53	30.70	34.30	37.07	38.84	39.59
20	2.52	3.11	4.53	6.85	10.03	13.91	18.25	22.76	27.20	31.16	34.32	36.49	37.63
21	.77	.98	2.04	4.01	6.88	10.51	14.68	19.09	23.47	27.54	30.92	33.42	34.97
22	.06	.00	.71	2.28	4.70	7.86	11.59	15.63	19.69	23.59	27.01	29.74	31.72
23	.31	.08	.48	1.60	3.46	5.99	9.05	12.46	16.01	19.49	22.76	25.63	28.01
24	1.33	1.01	1.14	1.81	3.04	4.81	7.05	9.67	12.52	15.49	18.45	21.30	24.02
25	2.96	2.52	2.43	2.66	3.23	4.20	5.56	7.29	9.36	11.71	14.31	17.10	20.02
26	4.66	4.34	4.06	3.87	3.83	4.02	4.50	5.35	6.62	8.33	10.50	13.13	16.19

TABLE 3.103 LOCAL ELEVATION TABLE 99

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	32.97	33.69	35.04	37.12	39.88	43.23	46.97	50.88	54.73	58.37	61.52	64.05	65.90
2	32.49	33.63	35.17	37.17	39.61	42.45	45.56	48.81	52.09	55.25	58.13	60.62	62.69
3	32.48	34.13	35.88	37.78	39.86	42.08	44.43	46.88	49.39	51.92	54.42	56.83	59.11
4	32.70	34.91	36.90	38.68	40.30	41.81	43.32	44.89	46.59	48.46	50.55	52.83	55.27
5	32.87	35.56	37.73	39.35	40.49	41.27	41.88	42.59	43.49	44.75	46.45	48.64	51.28
6	32.61	35.65	37.89	39.31	39.97	40.07	39.87	39.80	40.01	40.73	42.12	44.26	47.11
7	31.68	34.88	37.09	38.25	38.47	37.98	37.12	36.43	36.10	36.42	37.60	39.75	42.82
8	30.00	33.14	35.17	36.04	35.87	34.92	33.58	32.47	31.78	31.87	32.98	35.20	38.50
9	27.57	30.43	32.16	32.71	32.20	30.93	29.33	28.00	27.17	27.20	28.35	30.71	34.23
10	24.52	26.92	28.25	28.45	27.68	26.23	24.56	23.19	22.40	22.53	23.83	26.38	30.11
11	21.06	22.88	23.73	23.59	22.63	21.11	19.54	18.30	17.69	18.04	19.56	22.31	26.21
12	17.53	18.69	19.04	18.61	17.54	16.09	14.61	13.59	13.26	13.90	15.67	18.62	22.64
13	14.20	14.72	14.60	13.90	12.75	11.40	10.14	9.31	9.32	10.27	12.28	15.38	19.44
14	11.21	11.15	10.62	9.70	8.53	7.31	6.30	5.77	6.05	7.27	9.49	12.67	16.69
15	8.77	8.22	7.36	6.29	5.12	4.06	3.30	3.07	3.57	5.01	7.34	10.52	14.39
16	6.98	6.06	4.98	3.82	2.70	1.79	1.25	1.26	1.96	3.50	5.85	8.92	12.58
17	5.85	4.72	3.53	2.35	1.31	.54	.18	.35	1.16	2.72	4.98	7.84	11.19
18	5.34	4.15	2.94	1.82	.88	.24	.00	.26	1.10	2.59	4.66	7.21	10.16
19	5.34	4.20	3.08	2.07	1.26	.73	.57	.84	1.66	2.97	4.76	6.93	9.41
20	5.68	4.70	3.75	2.90	2.23	1.80	1.70	1.98	2.65	3.72	5.17	6.91	8.86
21	6.19	5.45	4.73	4.10	3.60	3.29	3.21	3.40	3.89	4.68	5.75	7.03	8.43
22	6.79	6.32	5.87	5.46	5.12	4.90	4.82	4.92	5.21	5.70	6.37	7.18	8.06
23	7.25	7.08	6.89	6.71	6.54	6.41	6.34	6.35	6.44	6.64	6.93	7.29	7.69
24	7.50	7.61	7.69	7.73	7.73	7.69	7.63	7.56	7.48	7.41	7.36	7.31	7.27
25	7.52	7.87	8.17	8.41	8.58	8.66	8.63	8.51	8.29	7.99	7.63	7.22	6.79
26	7.34	7.86	8.34	8.75	9.05	9.23	9.26	9.12	8.81	8.34	7.73	7.02	6.28

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	67.11	67.76	67.97	67.88	67.68	67.44	67.22	67.08	67.03	67.04	67.10	67.16	67.18
2	64.33	65.57	66.46	67.08	67.48	67.77	67.95	68.05	68.09	68.06	67.98	67.83	67.62
3	61.21	63.11	64.78	66.19	67.34	68.22	68.84	69.20	69.34	69.27	69.03	68.66	68.19
4	57.81	60.40	62.87	65.13	67.06	68.60	69.70	70.36	70.61	70.49	70.10	69.49	68.77
5	54.26	57.44	60.71	63.79	66.50	68.68	70.26	71.21	71.56	71.41	70.86	70.06	69.11
6	50.52	54.30	58.27	62.11	65.52	68.29	70.30	71.50	71.96	71.78	71.12	70.15	69.05
7	46.64	50.95	55.52	60.02	64.02	67.28	69.65	71.06	71.60	71.41	70.67	69.60	68.44
8	42.67	47.43	52.49	57.49	61.94	65.57	68.19	69.76	70.36	70.15	69.38	68.28	67.15
9	38.70	43.78	49.20	54.53	59.27	63.12	65.88	67.53	68.15	67.94	67.16	66.09	65.08
10	34.79	40.08	45.70	51.19	56.05	59.95	62.74	64.38	64.98	64.76	64.00	63.02	62.18
11	31.02	36.40	42.07	47.54	52.34	56.16	58.84	60.38	60.90	60.64	59.91	59.10	58.46
12	27.48	32.84	38.40	43.68	48.25	51.84	54.30	55.64	56.02	55.69	54.98	54.34	53.95
13	24.22	29.46	34.78	39.69	43.91	47.13	49.25	50.30	50.47	50.03	49.34	48.85	48.70
14	21.32	26.33	31.24	35.71	39.41	42.16	43.85	44.53	44.42	43.81	43.15	42.74	42.82
15	18.81	23.42	27.86	31.79	34.93	37.10	38.26	38.51	38.06	37.23	36.56	36.21	36.48
16	16.65	20.79	24.67	28.01	30.54	32.12	32.74	32.52	31.70	30.61	29.82	29.50	29.93
17	14.82	18.42	21.71	24.41	26.31	27.30	27.38	26.71	25.53	24.21	23.21	22.89	23.46
18	13.26	16.30	18.97	21.04	22.34	22.76	22.34	21.26	19.78	18.26	17.08	16.74	17.42
19	11.98	14.41	16.42	17.94	18.67	18.59	17.77	16.36	14.66	13.02	11.81	11.40	12.17
20	10.87	12.71	14.18	15.11	15.36	14.90	13.78	12.20	10.41	8.76	7.61	7.31	8.13
21	9.88	11.15	12.10	12.56	12.45	11.74	10.50	8.90	7.19	5.69	4.73	4.61	5.58
22	8.96	9.72	10.20	10.31	9.97	9.17	7.98	6.56	5.13	3.96	3.32	3.48	4.65
23	8.16	8.38	8.49	8.35	7.92	7.20	6.25	5.21	4.26	3.59	3.44	3.99	5.39
24	7.21	7.13	6.97	6.70	6.31	5.82	5.30	4.82	4.52	4.52	4.98	6.01	7.71
25	6.37	5.99	5.64	5.34	5.12	5.00	5.03	5.26	5.75	6.55	7.72	9.31	11.32
26	5.59	4.99	4.54	4.30	4.33	4.67	5.34	6.35	7.70	9.36	11.30	13.48	15.83

TABLE 3.104 LOCAL ELEVATION TABLE 100

ROW	COL 1	2	3	4	5	6	7	8	9	10	11	12	13
1	13.83	14.46	14.83	14.89	14.62	14.07	13.28	12.35	11.37	10.45	9.71	9.12	8.70
2	17.90	18.83	19.27	19.14	18.45	17.26	15.69	13.88	12.01	10.23	8.73	7.52	6.66
3	22.36	23.63	24.15	23.83	22.68	20.83	18.43	15.70	12.87	10.19	7.87	5.99	4.65
4	27.05	28.67	29.27	28.75	27.15	24.60	21.34	17.69	13.95	10.41	7.30	4.77	2.97
5	31.29	33.24	33.94	33.29	31.33	28.23	24.27	19.79	15.26	10.98	7.19	4.11	1.98
6	34.62	36.85	37.67	36.96	34.78	31.33	26.90	21.88	16.79	11.99	7.71	4.22	1.73
7	36.67	39.10	40.05	39.40	37.19	33.63	29.04	23.82	18.50	13.47	8.98	5.32	2.70
8	37.18	39.74	40.83	40.34	38.32	34.95	30.56	25.53	20.36	15.45	11.05	7.46	4.86
9	36.09	38.67	39.91	39.70	38.08	35.22	31.39	26.94	22.31	17.90	13.91	10.62	8.22
10	33.49	36.00	37.40	37.57	36.55	34.47	31.54	28.04	24.31	20.73	17.45	14.69	12.63
11	29.66	32.02	33.57	34.21	33.95	32.86	31.10	28.85	26.32	23.82	21.48	19.46	17.90
12	25.00	27.16	28.85	30.00	30.59	30.64	30.21	29.39	28.29	27.03	25.77	24.61	23.64
13	20.05	21.96	23.77	25.42	26.86	28.08	29.04	29.73	30.13	30.26	30.15	29.86	29.48
14	15.38	17.04	18.96	21.08	23.33	25.63	27.85	29.93	31.77	33.24	34.29	34.91	35.14
15	11.22	12.66	14.66	17.19	20.15	23.40	26.77	30.06	33.18	35.84	37.92	39.34	40.12
16	7.89	9.14	11.19	14.04	17.57	21.60	25.89	30.16	34.31	37.93	40.83	42.90	44.12
17	5.57	6.67	8.75	11.83	15.76	20.34	25.29	30.28	35.14	39.44	42.92	45.45	46.99
18	4.31	5.34	7.44	10.62	14.75	19.65	24.98	30.40	35.68	40.36	44.18	46.97	48.68
19	4.10	5.09	7.18	10.38	14.57	19.51	24.95	30.52	35.93	40.73	44.65	47.53	49.30
20	4.61	5.59	7.67	10.83	14.95	19.81	25.10	30.63	35.94	40.64	44.48	47.29	49.02
21	5.52	6.55	8.60	11.68	15.66	20.32	25.39	30.67	35.73	40.19	43.83	46.48	48.10
22	6.52	7.61	9.66	12.64	16.44	20.87	25.65	30.62	35.35	39.51	42.88	45.33	46.80
23	7.33	8.50	10.54	13.44	17.08	21.28	25.79	30.45	34.86	38.72	41.86	44.11	45.46
24	7.73	8.99	11.05	13.89	17.42	21.44	25.73	30.16	34.31	37.98	40.92	43.02	44.26
25	7.65	8.99	11.08	13.92	17.38	21.31	25.49	29.77	33.79	37.32	40.13	42.13	43.31
26	7.13	8.53	10.67	13.53	17.01	20.93	25.08	29.34	33.33	36.80	39.57	41.54	42.69

ROW	COL 14	15	16	17	18	19	20	21	22	23	24	25	26
1	8.47	8.43	8.55	8.82	9.19	9.66	10.19	10.81	11.43	12.03	12.59	13.09	13.51
2	6.18	6.07	6.31	6.86	7.65	8.64	9.81	11.06	12.34	13.58	14.74	15.77	16.64
3	3.90	3.72	4.09	4.94	6.18	7.78	9.60	11.55	13.53	15.47	17.29	18.90	20.26
4	1.94	1.70	2.18	3.34	5.07	7.22	9.68	12.31	15.01	17.64	20.11	22.31	24.17
5	.63	.35	.97	2.39	4.49	7.13	10.15	13.41	16.74	20.01	23.08	25.87	28.23
6	.33	.00	.69	2.28	4.67	7.67	11.13	14.87	18.71	22.48	26.11	29.36	32.10
7	1.20	.83	1.53	3.22	5.75	8.96	12.68	16.71	20.87	25.01	28.98	32.54	35.54
8	3.35	2.96	3.63	5.29	7.81	11.05	14.81	18.92	23.18	27.47	31.57	35.26	38.38
9	6.80	6.39	6.98	8.50	10.86	13.91	17.50	21.46	25.59	29.79	33.81	37.42	40.50
10	11.38	10.98	11.44	12.72	14.75	17.45	20.67	24.26	28.04	31.92	35.69	39.01	41.88
11	16.90	16.53	16.83	17.79	19.40	21.58	24.24	27.26	30.49	33.82	37.07	40.03	42.58
12	22.96	22.64	22.75	23.34	24.42	25.98	27.96	30.27	32.81	35.47	38.13	40.58	42.70
13	29.12	28.86	28.78	28.97	29.49	30.37	31.61	33.16	34.95	36.87	38.86	40.74	42.39
14	35.06	34.79	34.50	34.29	34.26	34.48	34.99	35.78	36.83	38.04	39.34	40.64	41.82
15	40.33	40.09	39.58	38.97	38.44	38.06	37.91	38.02	38.39	38.95	39.64	40.40	41.15
16	44.56	44.36	43.70	42.77	41.80	40.93	40.29	39.79	39.59	39.62	39.82	40.13	40.56
17	47.60	47.42	46.65	45.50	44.20	42.98	41.90	41.04	40.44	40.08	39.92	39.91	40.07
18	49.39	49.22	48.39	47.11	45.62	44.19	42.88	41.78	40.93	40.33	39.96	39.76	39.75
19	50.03	49.87	49.01	47.69	46.14	44.63	43.23	42.09	41.11	40.43	39.97	39.72	39.60
20	49.73	49.56	48.71	47.42	45.90	44.43	43.08	41.93	41.03	40.39	39.97	39.72	39.63
21	48.75	48.57	47.76	46.53	45.11	43.77	42.55	41.53	40.77	40.25	39.95	39.80	39.77
22	47.38	47.19	46.43	45.30	44.03	42.85	41.80	40.97	40.40	40.06	39.92	39.92	40.00
23	45.97	45.78	45.06	44.03	42.89	41.85	40.99	40.36	39.98	39.84	39.87	40.03	40.25
24	44.72	44.52	43.65	42.91	41.88	40.93	40.19	39.25	39.19	39.13	39.77	40.13	40.49
25	43.73	43.53	42.90	42.02	41.08	40.24	39.62	38.87	38.57	38.98	39.72	40.19	40.66
26	43.10	42.91	42.29	41.45	40.56	39.79	39.24	38.50	38.66	38.82	39.68	40.22	40.76

02-118322-1

4.0 STATISTICAL ANALYSIS OF RESULTS

The detailed dynamic responses of the LM math model were determined for each of the 100 lunar landing cases by the landing dynamics computer program. All 100 of the simulated landings were stable. General landing indicators which serve to characterize each landing were monitored, along with external and internal dynamic loads. Selected internal loads and stress indicators were analyzed statistically to yield confidence limits for exceedance probabilities.

The general landing indicators for each landing case, listed in Table 4.1, include the following: translational velocities at impact, rotational velocities at impact, footpad making initial contact with the lunar surface, and maximum stroke of each of the four primary landing gear struts. The second crush levels of the primary struts are attained 183 times out of 400 possible footpad strokes. As indicated in Table 4.1, the primary strut stroke exceeds 10 inches (thereby reaching the second crush level) for at least one landing gear for each landing case. The LM landing gear struts and footpads are designated in the GAC body-fixed coordinate system.

The maximum external dynamic loads on each degree of freedom in the structural model are presented in Table 4.2. The external load components correspond to the mass point locations illustrated in Figures 3.2 through 3.5. The maximum load, shown as VALUE 1 in Table 4.2, is accompanied by the other two force or moment components occurring simultaneously at the mass point. The ordering of the load triad is as follows:

VALUE 1	VALUE 2	VALUE 3
X+	Y	Z
X-	Y	Z
Y	X	Z
Z	X	Y

4.0 Continued

The probability level shown corresponds to the 50 percent nonparametric one-sided confidence limit for an effective sample size of 172 landing cases. The case number and time of occurrence for each maximum load identify the instantaneous loading condition for subsequent detailed stress analyses. The great complexity of the load-causing mechanisms in the lunar landing analysis is illustrated by the fact that a "worst-loads case" for this mathematical model does not appear. The forces and moments in Table 4.2 are expressed in units of pounds and inch-pounds and are referenced to the GAC body-fixed coordinate system.

Internal dynamic loads at 441 ascent stage and 212 descent stage locations were calculated continuously throughout the landing maneuver. Internal load locations for the ascent stage are identified in Figures 4.1 through 4.15. Descent stage internal load locations are shown in Figures 4.16 through 4.19. A description of the symbols used to represent all internal loads in the digital format is given in Table 4.3. These tables also give the units for each load and reference the appropriate figure for structural location. The maximum value of each internal load and corresponding analysis case and time are given in Table 4.4. These maximum values were analyzed statistically by the methods described in Section 2.4 of Reference 1. The probability level of .996 shown for each variable is the 50 percent nonparametric one-sided confidence limit.

FIGURE 4.1 LM-10 A/S INTERNAL LOAD LOCATIONS

-Z27 AFT BULKHEAD

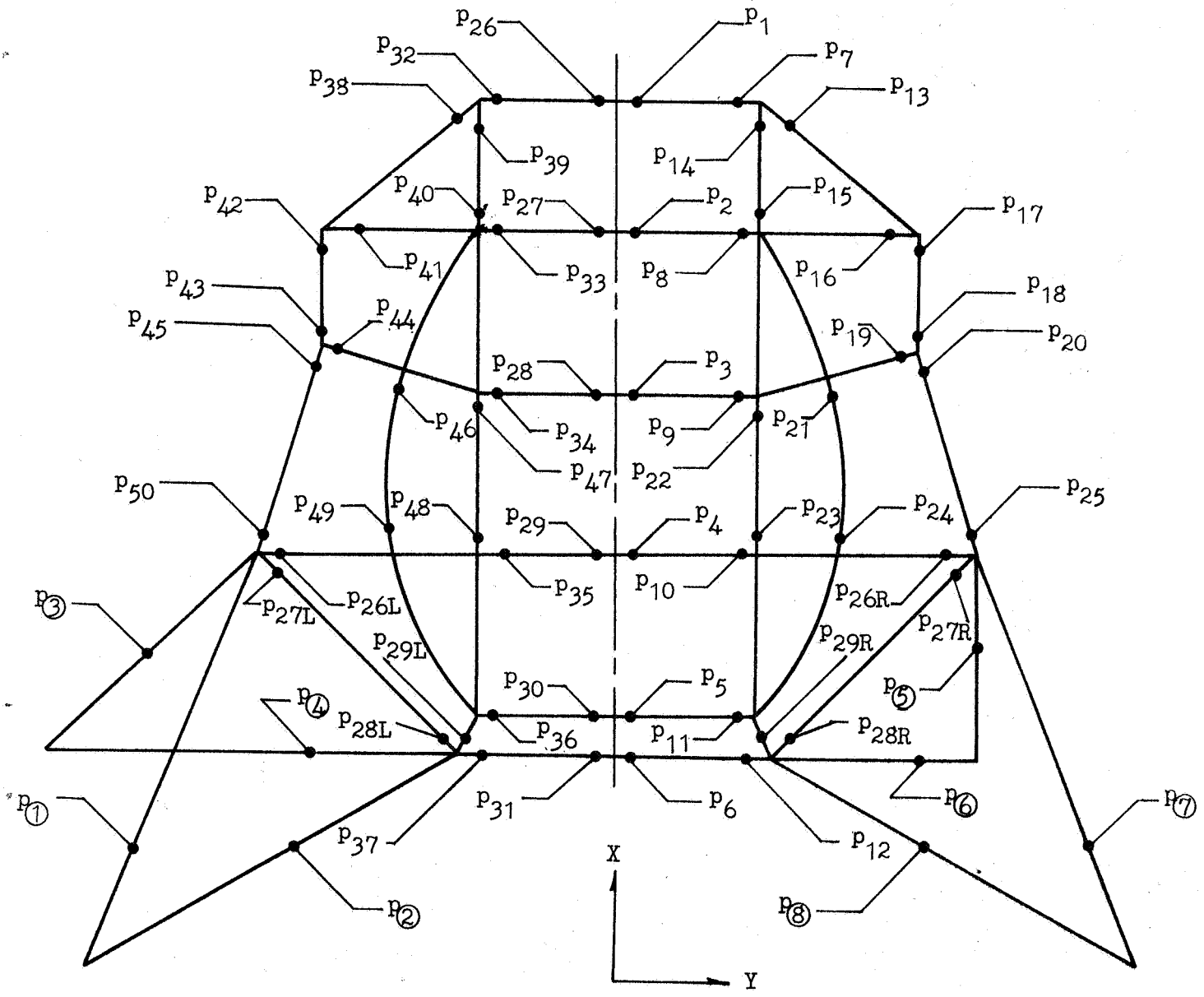
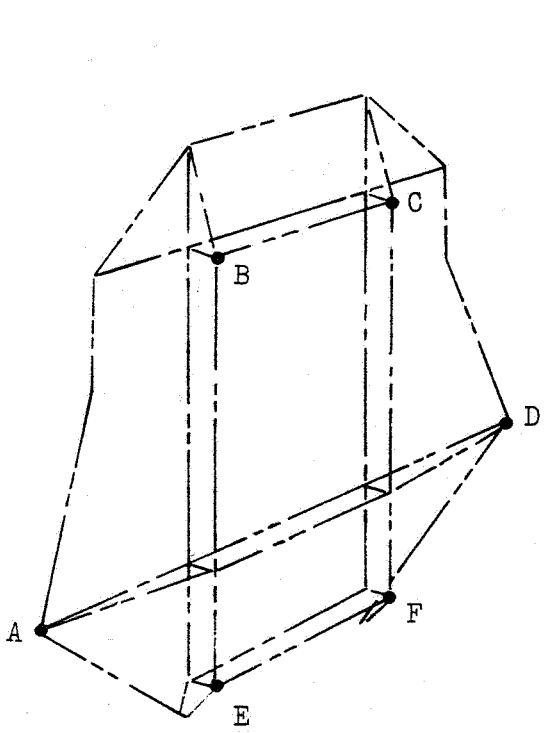
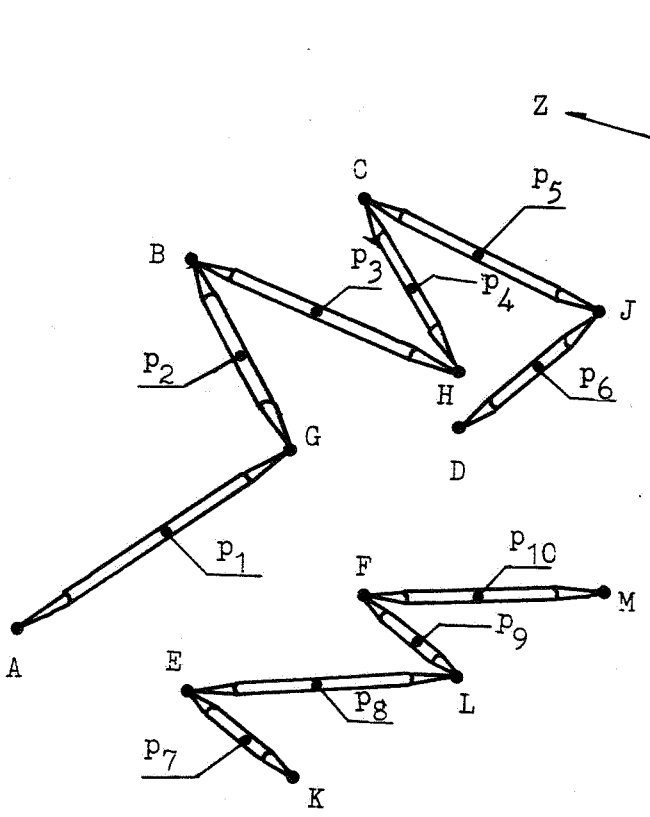


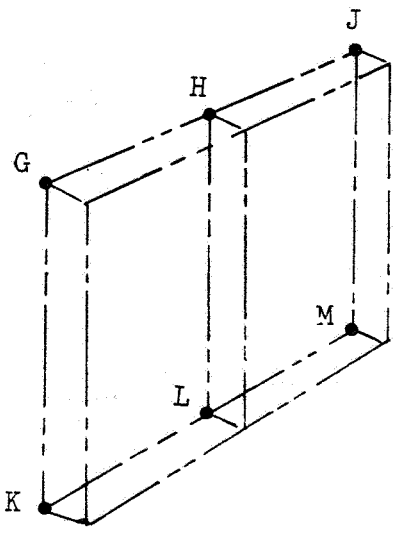
FIGURE 4.2 LM-10 A/S INTERNAL LOAD LOCATIONS
AFT EQUIPMENT BAY



SUPPORT LOCATIONS
AT AFT BULKHEAD (-Z27)



RACK SUPPORT SYSTEM



AFT EQUIPMENT RACK
(-Z60.5)

FIGURE 4.3 LM-10 A/S INTERNAL LOAD LOCATIONS
+Z27 FORWARD BULKHEAD

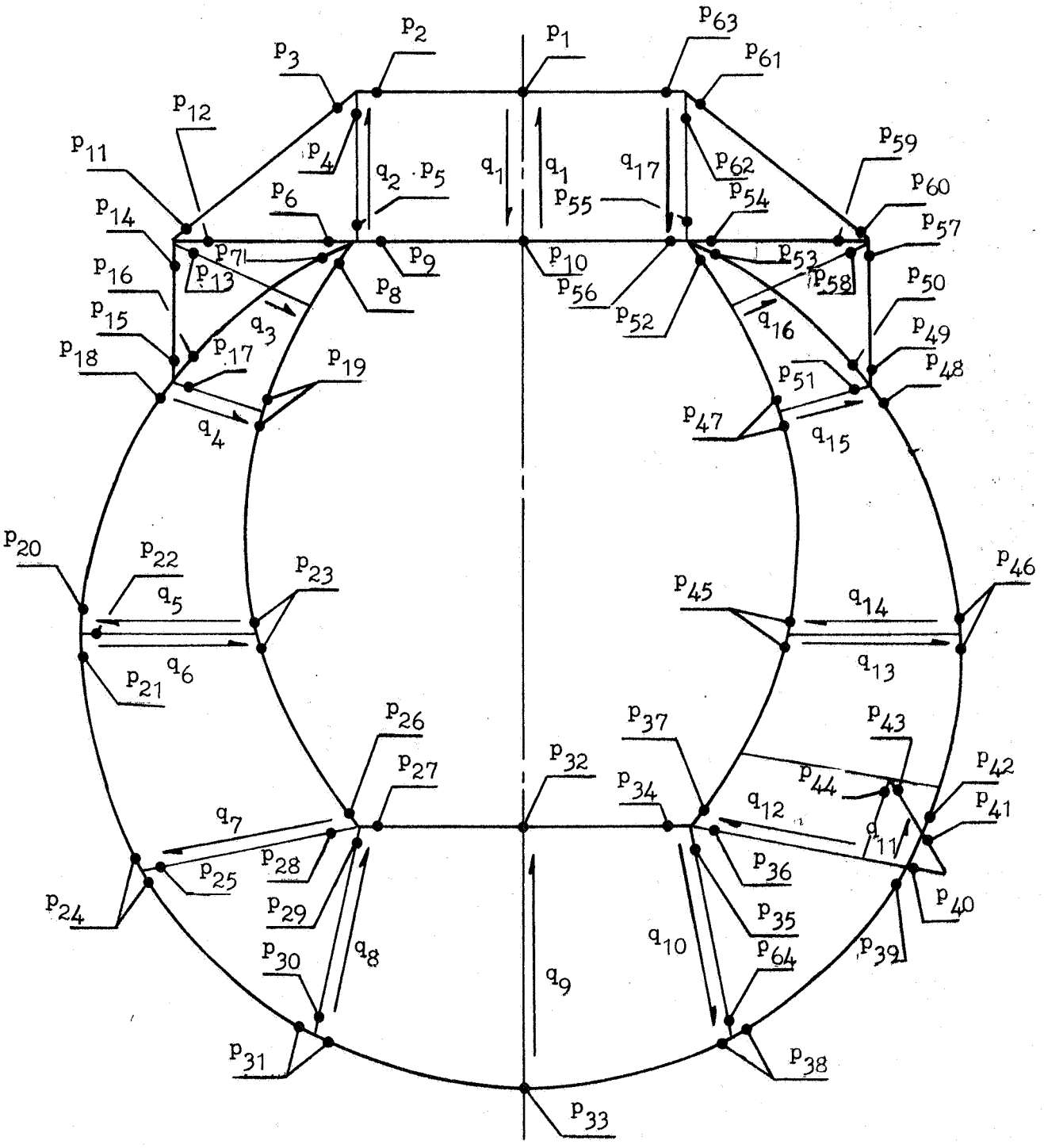
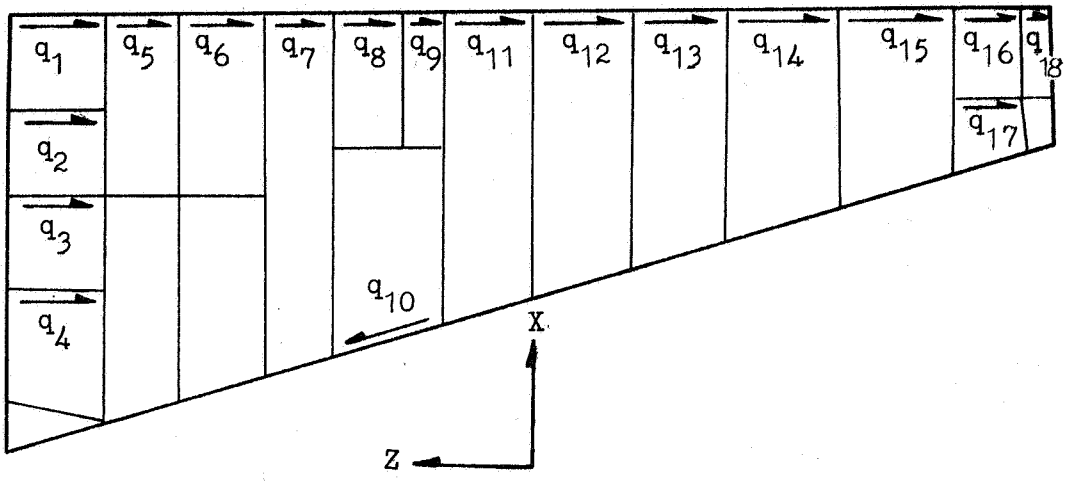


FIGURE 4.4 LM-10 A/S INTERNAL LOAD LOCATIONS
±Y22 CANTED BEAMS



LEFT HAND SIDE - LOOKING INBOARD

RIGHT HAND SIDE - LOOKING OUTBOARD

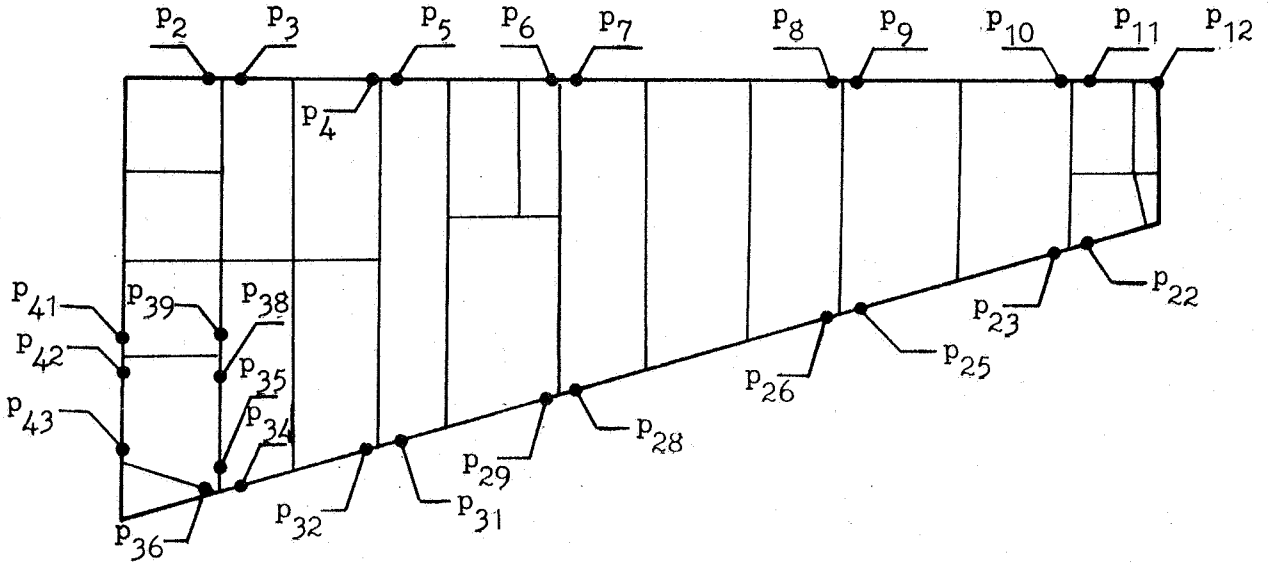


FIGURE 4.5 LM-10 A/S INTERNAL LOAD LOCATIONS

FRONT FACE BEAM

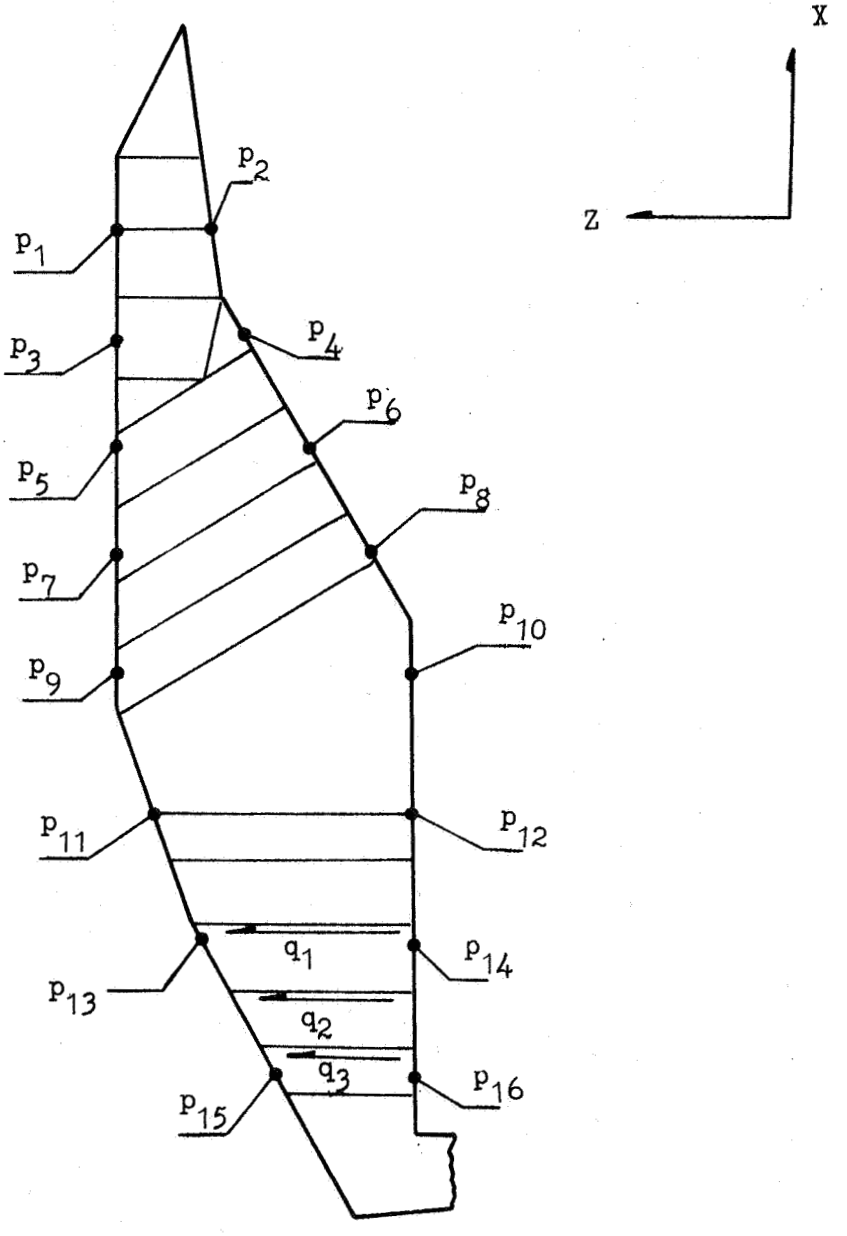


FIGURE 4.6 LM-10 A/S INTERNAL LOAD LOCATIONS

FRONT FACE LOWER BULKHEAD

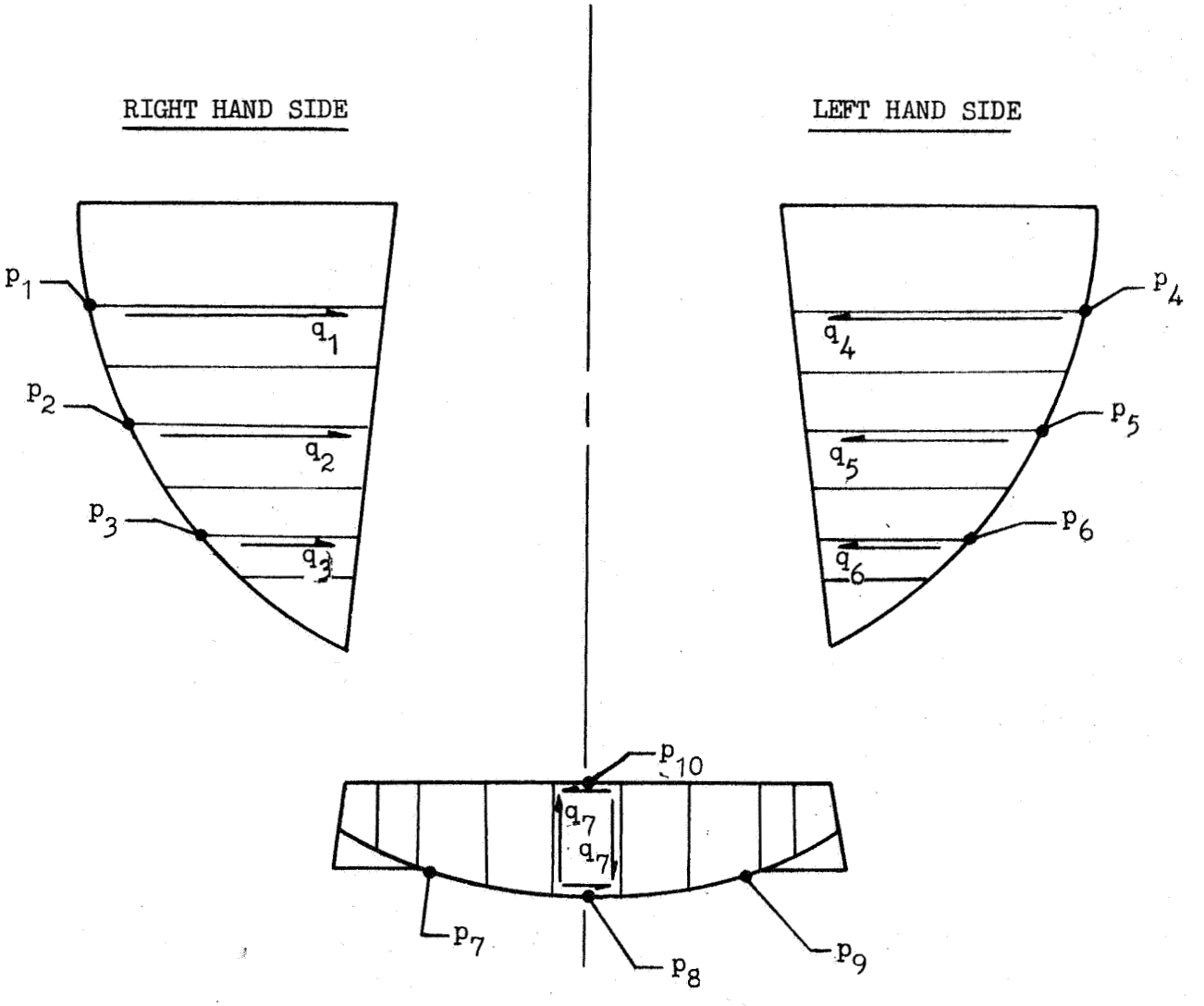
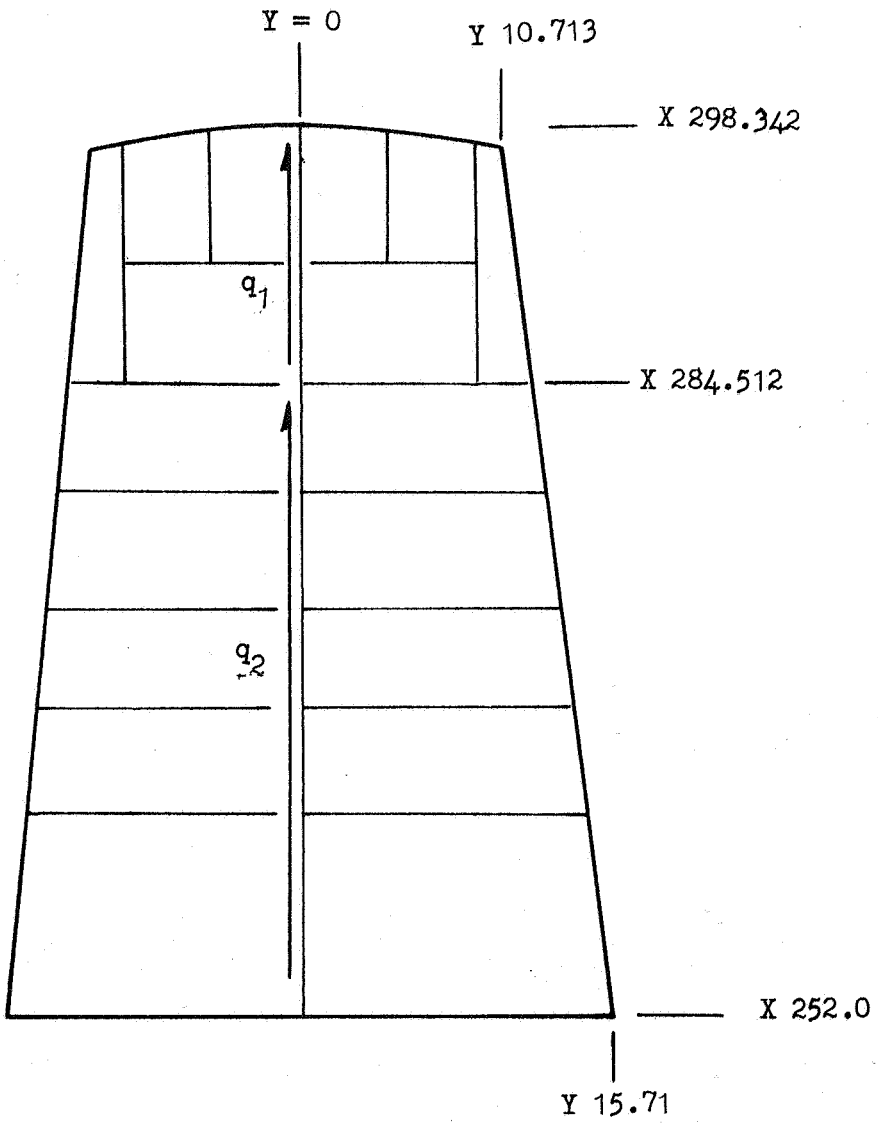


FIGURE 4.7 LM-10 A/S INTERNAL LOAD LOCATIONS

FRONT FACE CENTER PANEL



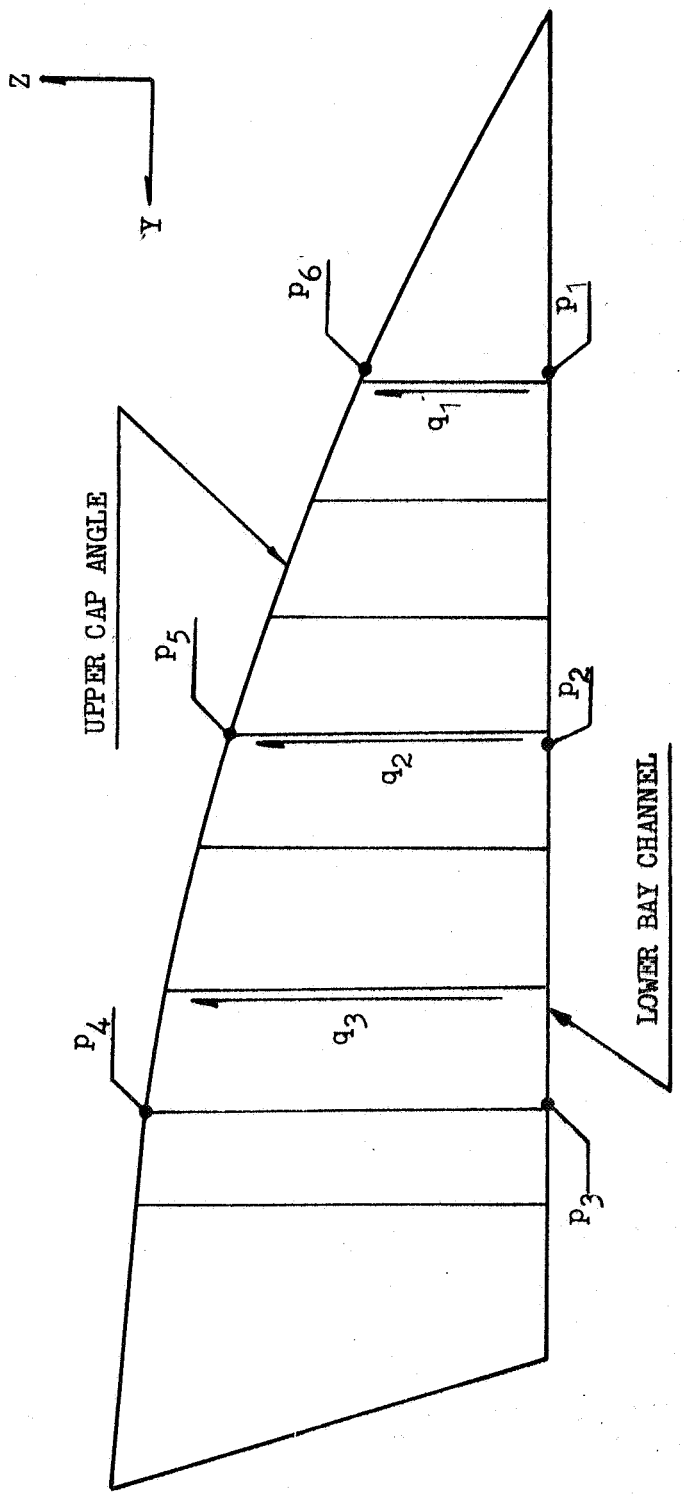


FIGURE 4.8 LM-10 A/S INTERNAL LOAD LOCATIONS
FRONT FACE BROW

FIGURE 4.9 LM-10 A/S INTERNAL LOAD LOCATIONS
FRONT FACE CHEEK PANEL

SHOWN FOR LEFT (-Y) HAND SIDE

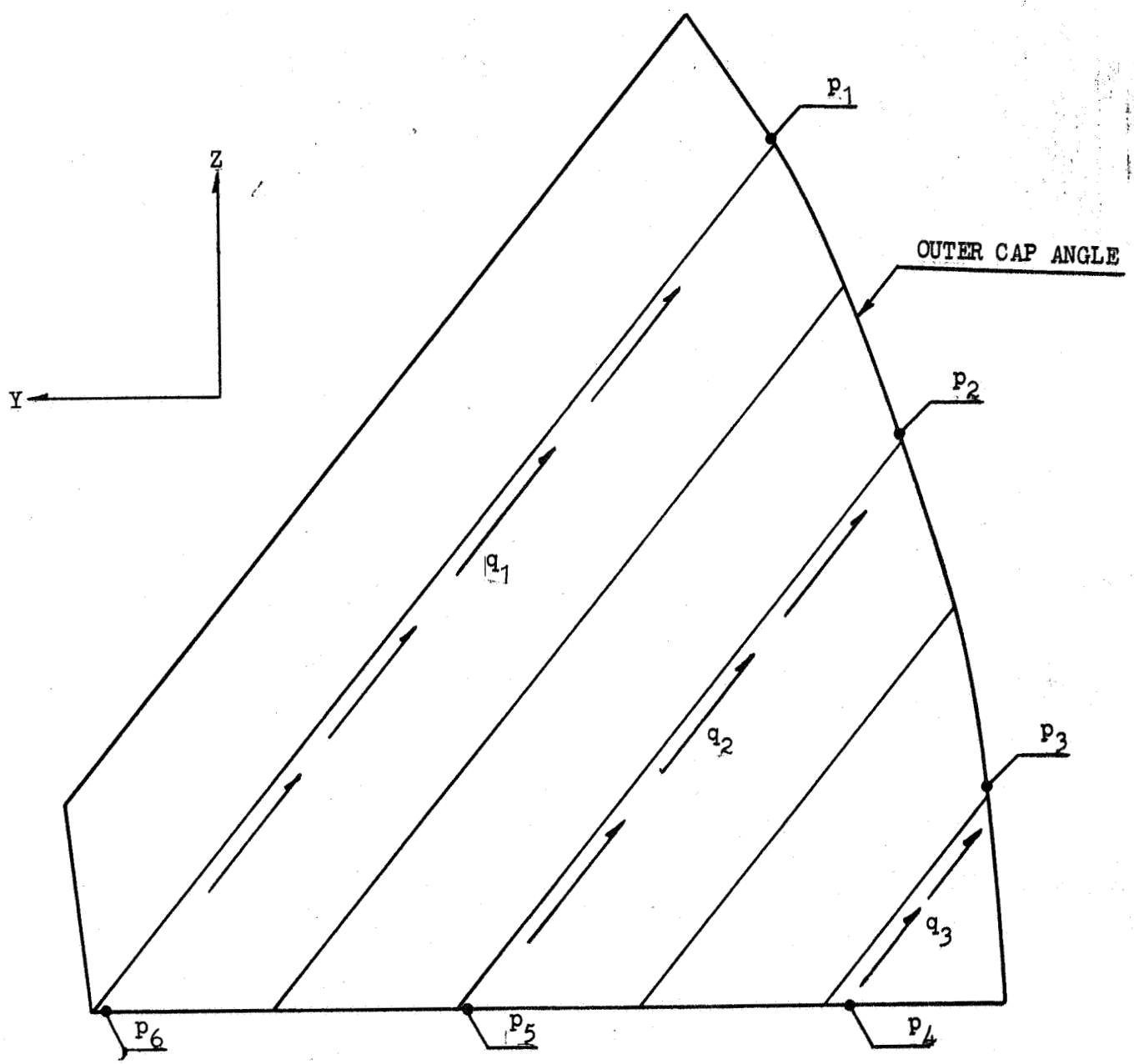
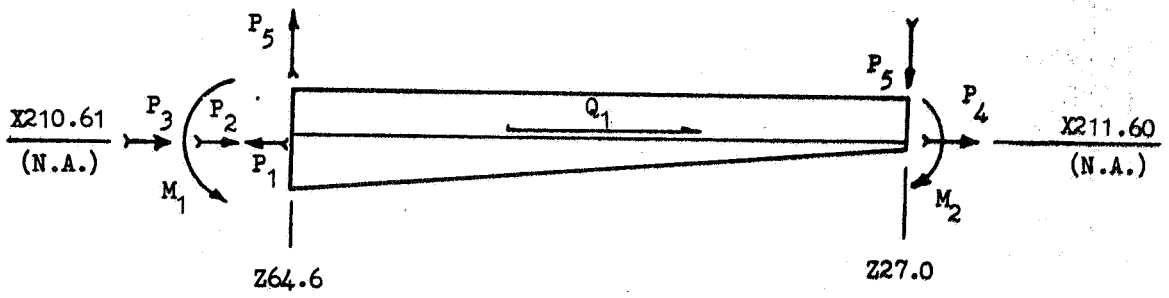


FIGURE 4.10 LM-10 A/S INTERNAL LOAD LOCATIONS

FORWARD INTERSTAGE FITTING

LONGERON PORTION

SHOWN FOR RIGHT (+Y) AND LEFT (-Y) SIDES



CORNER PORTION

SHOWN FOR RIGHT (+Y) AND LEFT (-Y) SIDES

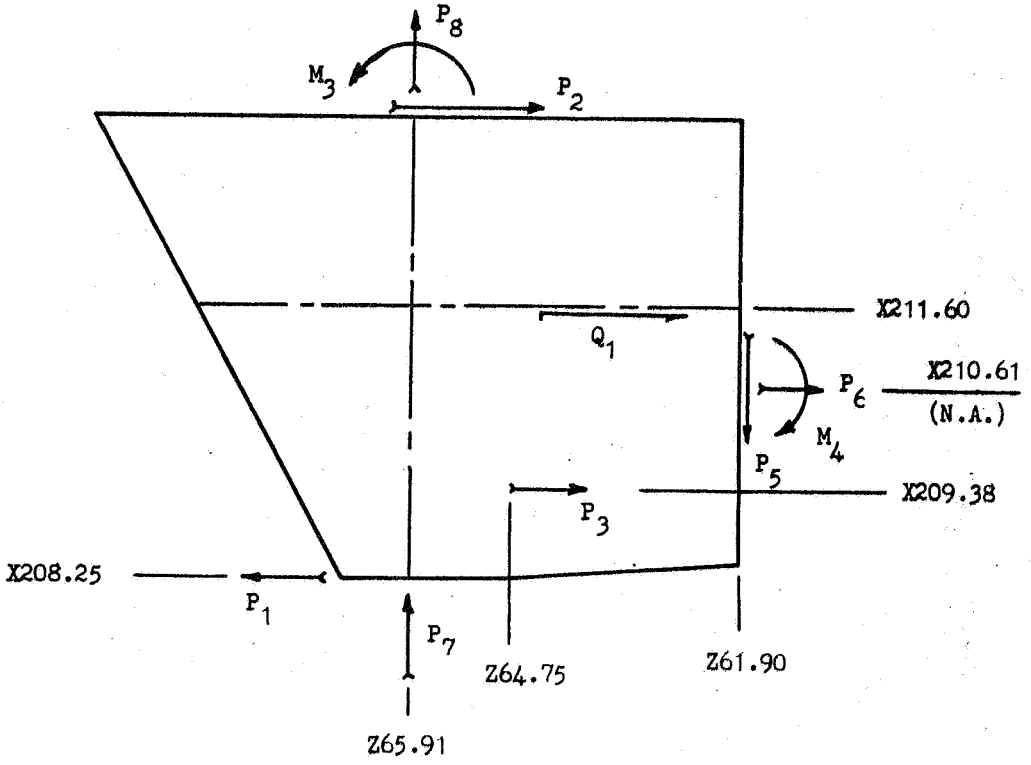


FIGURE 4.11 LM-10 A/S INTERNAL LOAD LOCATIONS
MID SECTION -X277 CANTED DECK

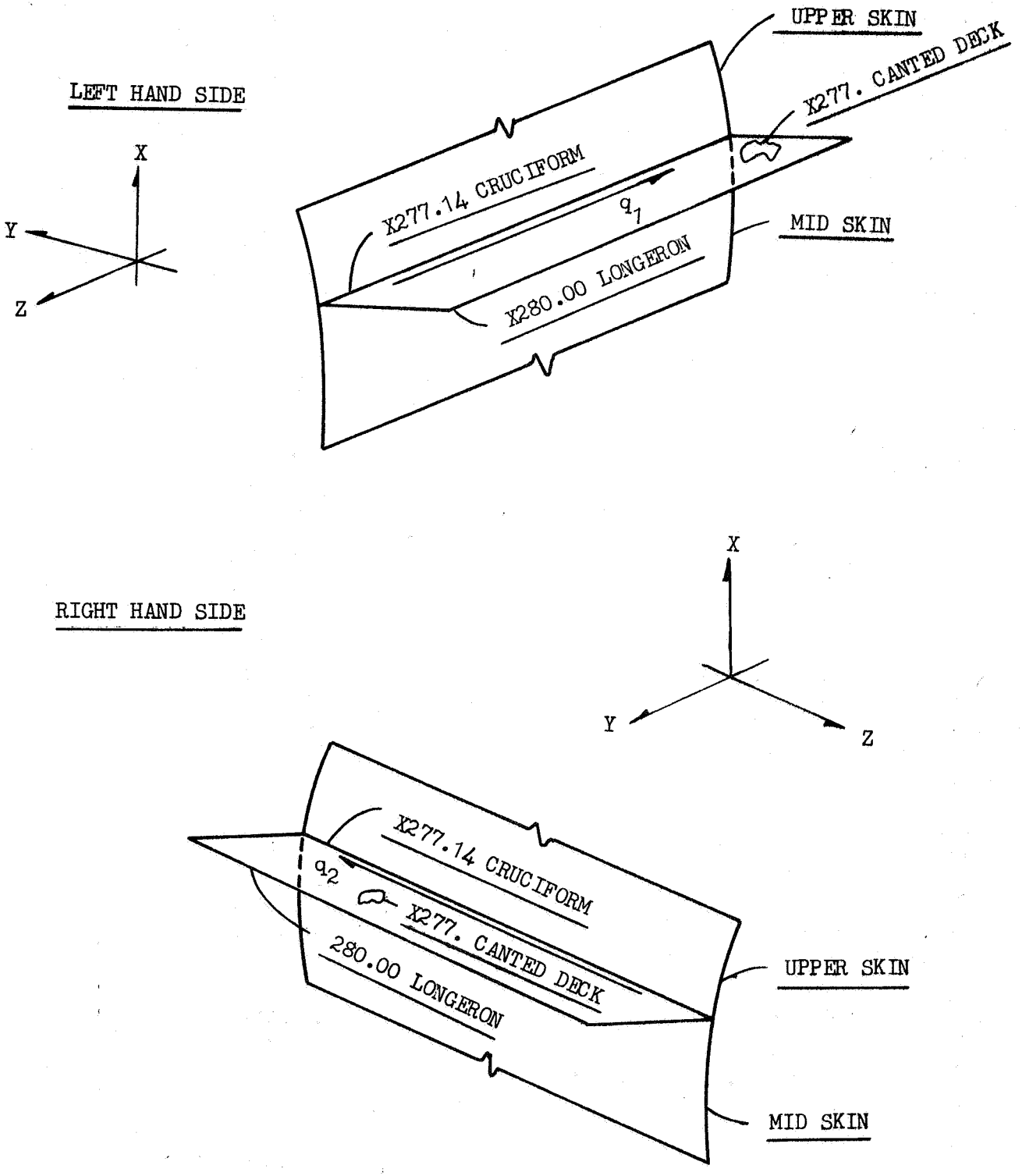


FIGURE 4.12 LM-10 A/S INTERNAL LOAD LOCATIONS

MID SECTION -X253.5 DECK

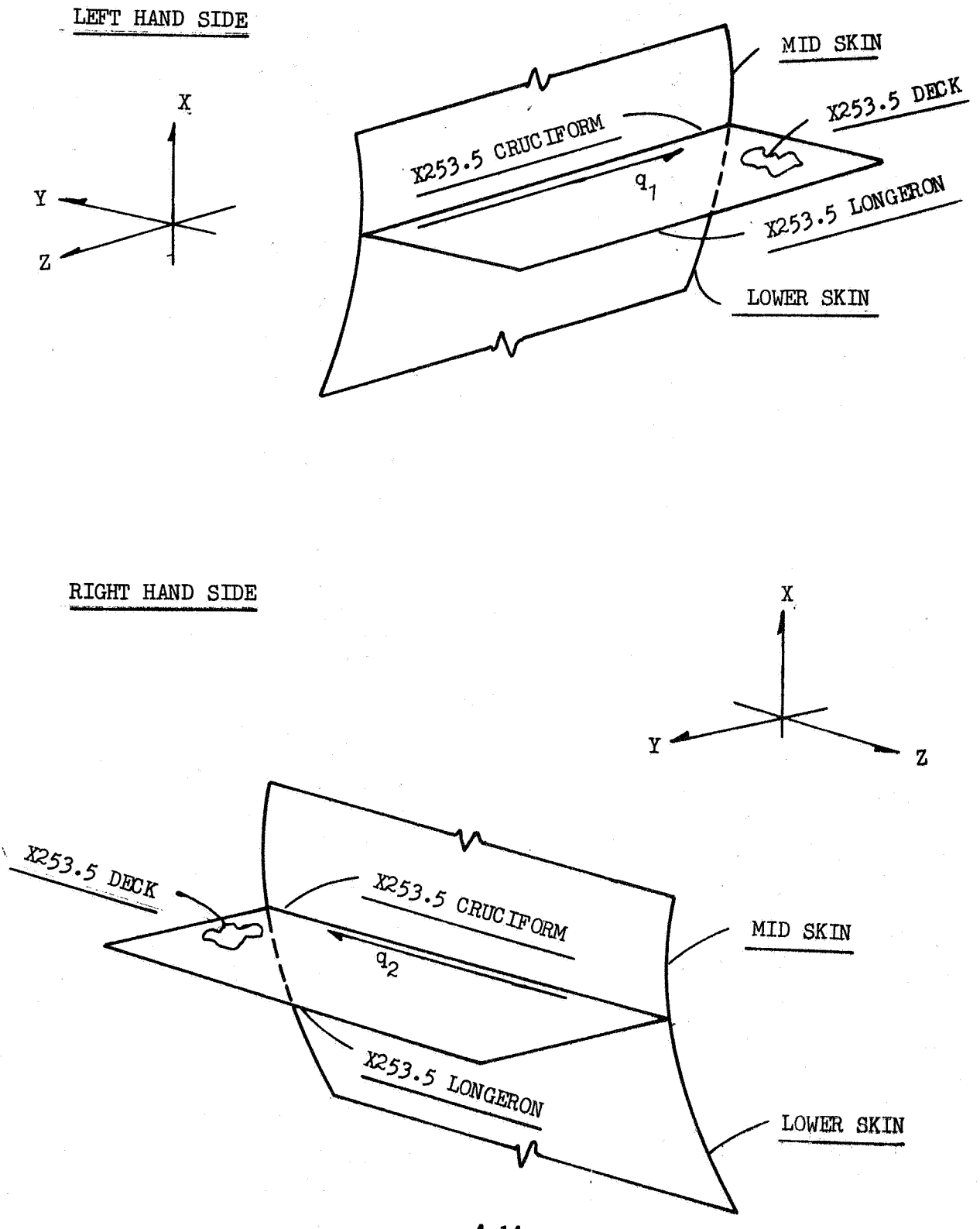
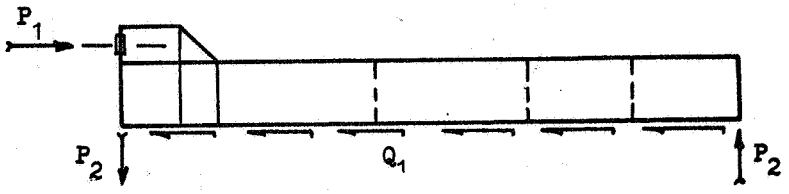
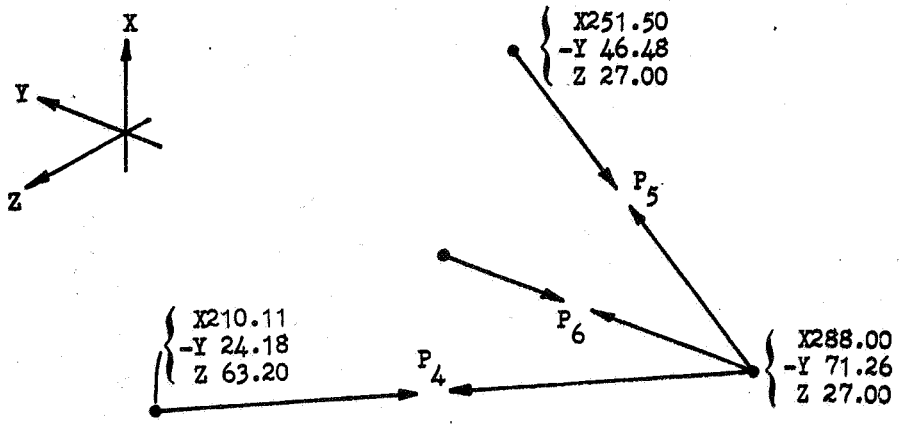


FIGURE 4.13 LM-10 A/S INTERNAL LOAD LOCATIONS
CABIN -X228 LONGERON - RIGHT (+Y) HAND SIDE



VIEW LOOKING UP

FUEL TANK SUPPORT STRUCTURE



IMU BEAM
SHOWN FOR RIGHT (+Y) AND LEFT (-Y) SIDES

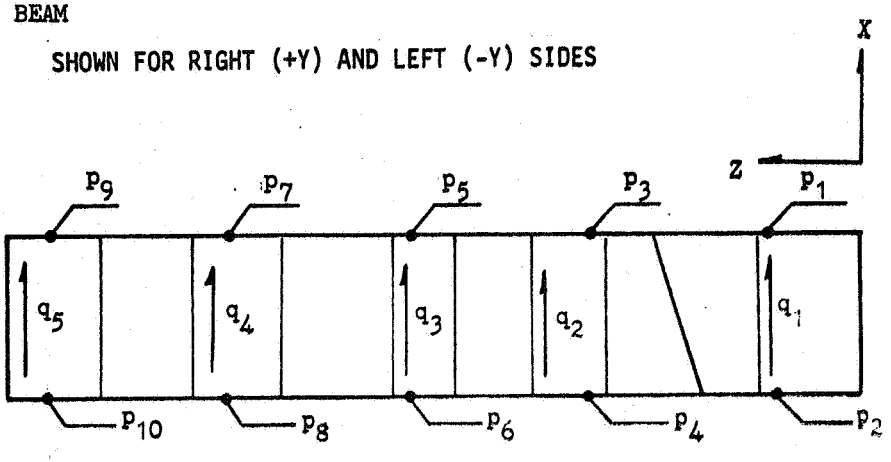


FIGURE 4.14 LM-10 A/S INTERNAL LOAD LOCATIONS

CABIN AND MID SECTION - LEFT HAND SIDE

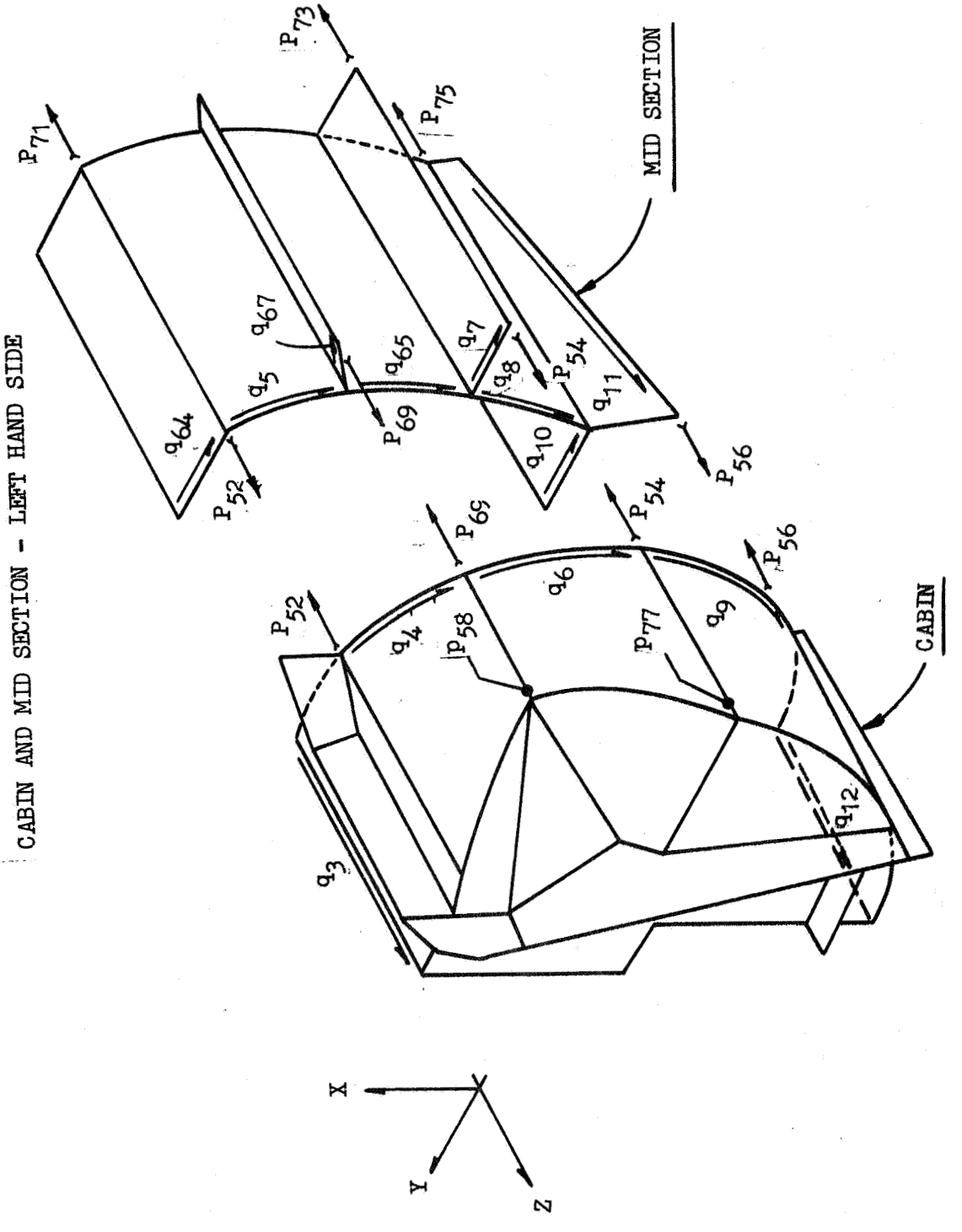
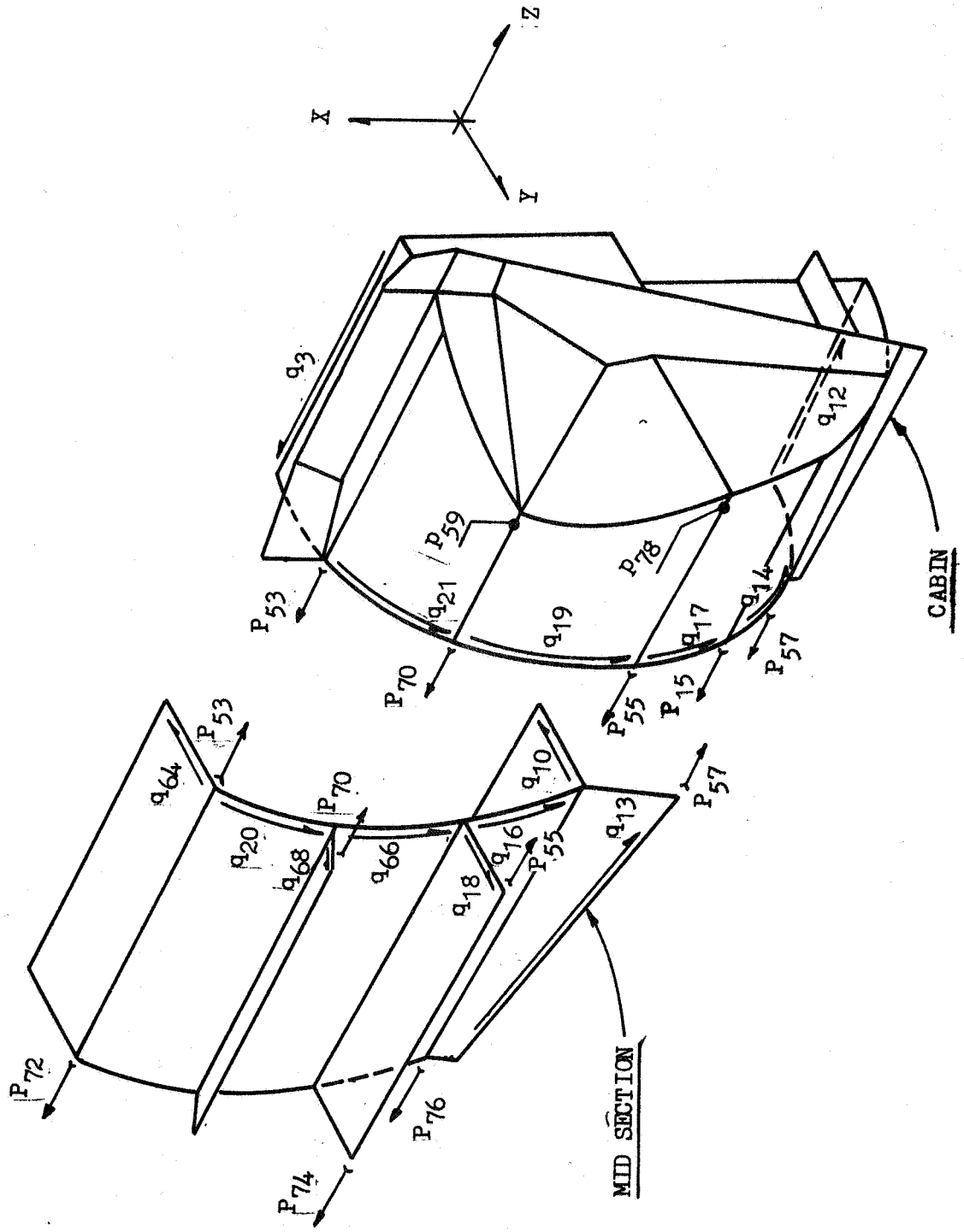


FIGURE 4.15 LM-10 A/S INTERNAL LOAD LOCATIONS
CABIN AND MID SECTION - RIGHT HAND SIDE



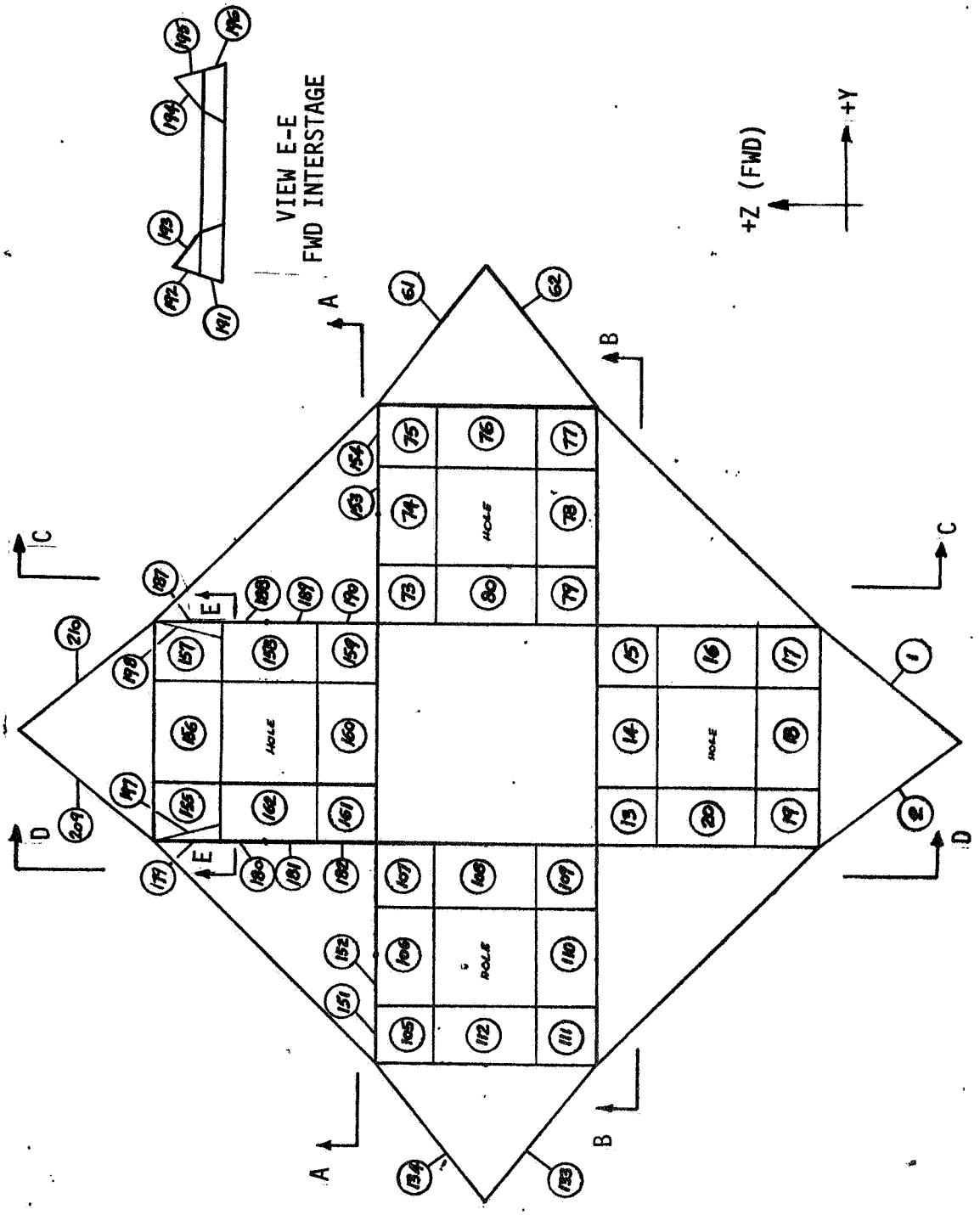


FIGURE 4.16 LM-10 D/S INTERNAL LOAD LOCATIONS
LM-10 DESCENT STAGE UPPER DECK

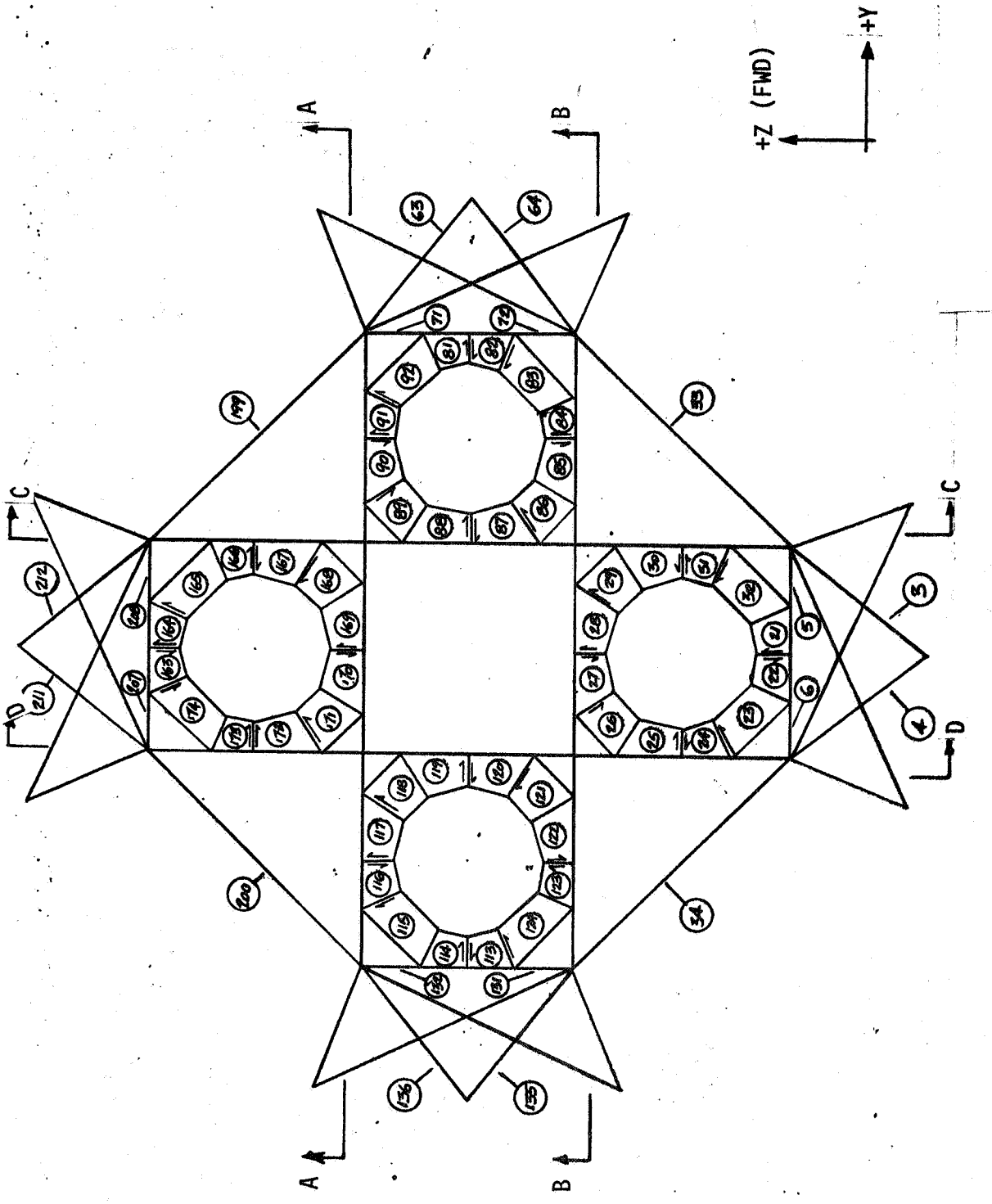


FIGURE 4.17 LM-20 D/S INTERNAL LOAD LOCATIONS
LM-10 DESCENT STAGE LOWER DECK

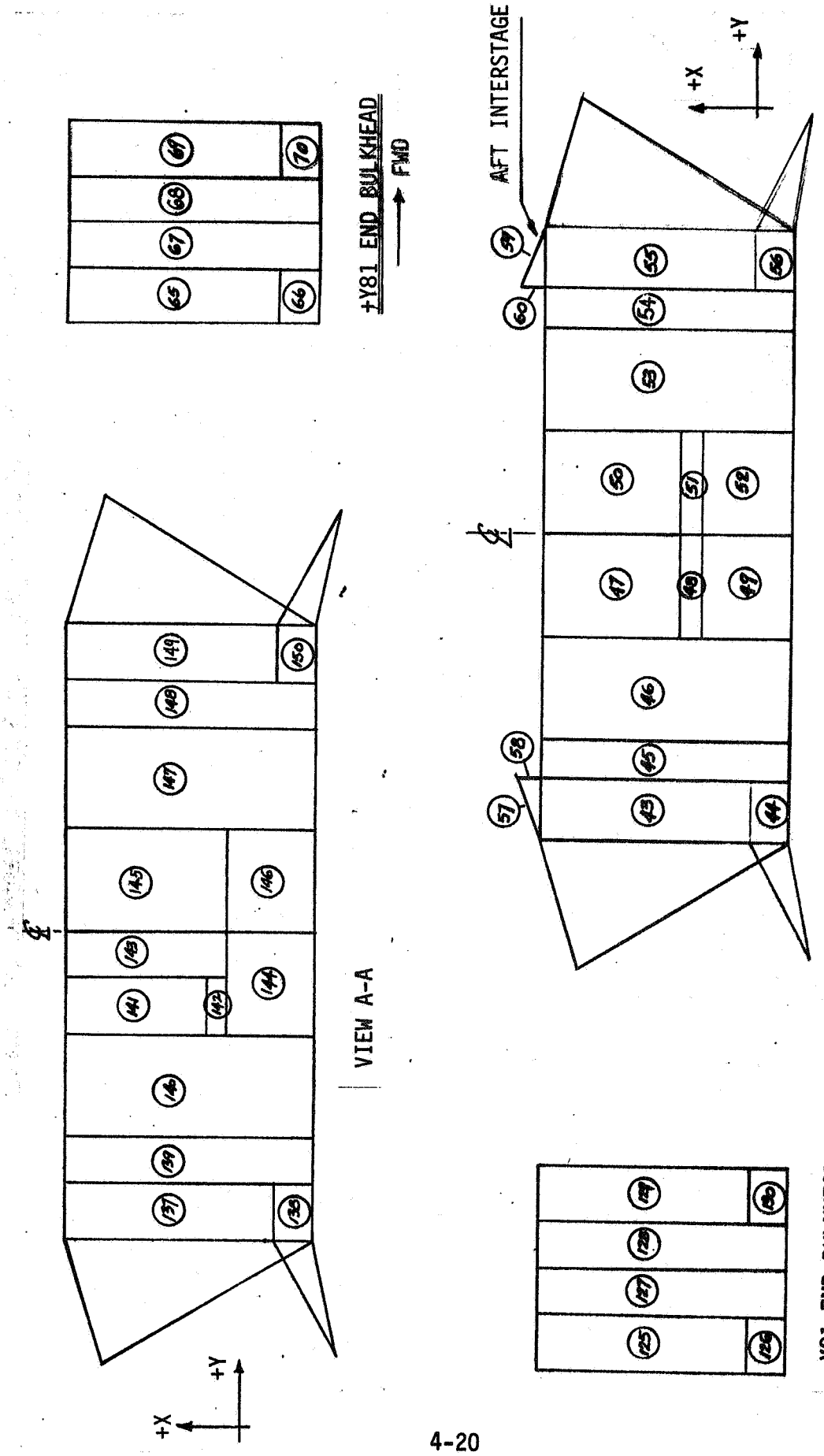


FIGURE 4.18 LM-10 D/S INTERNAL LOAD LOCATIONS
LM-10 DESCENT STAGE

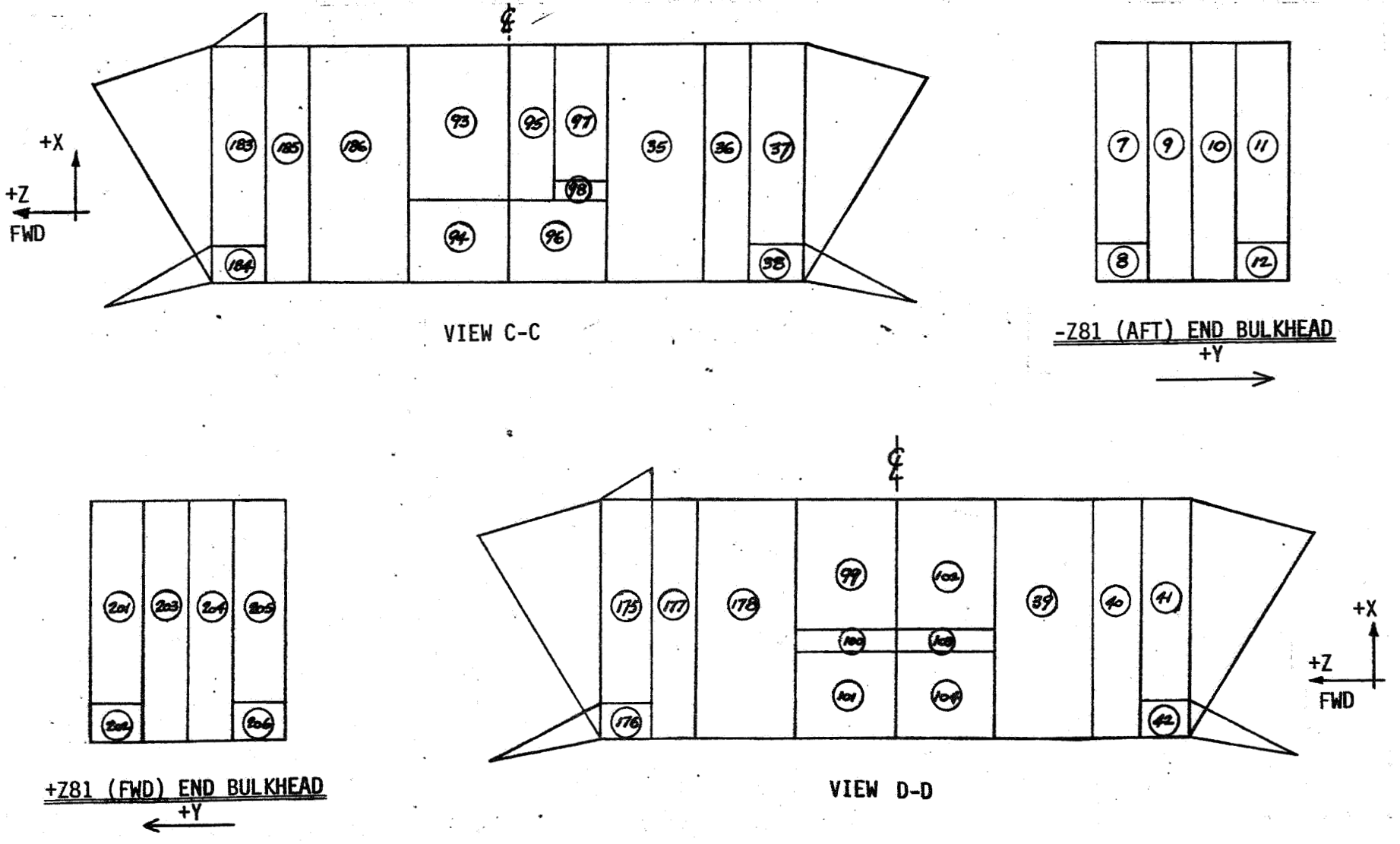


FIGURE 4.19 LM-10 D/S INTERNAL LOAD LOCATIONS
LM-10 DESCENT STAGE

LANDING CASE NUMBER	TRANSLATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN LM BODY SYSTEM IN/SEC			ROTATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN BODY SYSTEM RAD/SEC			INITIAL FOOTPAD CONTACT	MAXIMUM STROKE IN PRIMARY STRUT IN INCHES FOR LANDING GEAR:			
	$\dot{X}$	$\dot{Y}$	$\dot{Z}$	ω_X	ω_Y	ω_Z		+Y	+Z	-Y	-Z
1	-93.2	5.4	56.0	.0028	.0068	.0061	+Y	11.2	18.8	8.5	3.3
2	-88.9	1.5	53.6	.0030	.0054	.0050	-Z	9.8	18.9	8.0	4.5
3	-72.5	7.1	72.5	.0011	.0037	.0048	+Y	9.8	17.4	7.1	0.0
4	-91.2	- 6.6	89.0	.0016	.0088	.0063	-Z	0.0	30.5	8.7	2.7
5	-73.1	5.3	36.3	-.0033	.0018	.0056	+Z	1.9	16.3	18.1	7.5
6	-69.0	-17.7	80.2	-.0039	-.0126	.0024	+Z	0.0	15.6	4.8	3.5
7	-74.6	8.4	60.3	-.0005	.0028	.0055	+Z	8.2	15.0	1.1	2.1
8	-121.8	-17.5	56.2	-.0003	.0036	.0058	+Y	13.3	11.3	25.6	3.8
9	-83.2	- 2.5	12.4	-.0023	.0055	.0033	-Z	8.2	14.3	0.98	8.8
10	-86.2	9.3	14.1	-.0002	.0044	.0078	-Y	17.3	8.6	10.2	2.1
11	-79.4	-18.5	38.1	.0008	.0025	.0092	-Z	4.9	16.0	8.6	9.3
12	-87.7	-14.4	32.7	.0014	.0063	.0021	-Z	5.8	19.7	10.2	7.8
13	-85.8	-24.0	2.1	.0007	.0069	.0065	+Y	8.7	9.8	16.8	1.6
14	-90.9	3.8	52.3	-.0031	.0010	.0029	-Y	17.0	11.2	13.1	0.0
15	-84.9	- 1.7	49.3	.0014	.0049	.0046	+Y	10.3	18.4	4.9	2.9
16	-79.5	- 3.8	0.2	.0008	.0052	.0067	+Z	0.0	13.0	6.1	12.3
17	-70.9	6.2	52.7	.0025	.0063	.0052	+Z	0.96	18.8	0.0	8.8
18	-119.3	- 9.4	81.5	.0015	.0050	.0028	-Y	12.9	22.2	14.9	0.13
19	-86.9	20.5	48.8	.0025	.0041	.0036	-Y	17.9	14.1	8.7	0.0
20	-80.3	- 5.7	26.0	.0003	.0025	.0056	+Z	9.2	11.3	10.9	0.81

TABLE 4.1 GENERAL LANDING INDICATORS

LANDING CASE NUMBER	TRANSLATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN LM BODY SYSTEM IN/SEC			ROTATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN BODY SYSTEM RAD/SEC			INITIAL FOOTPAD CONTACT	MAXIMUM STROKE IN PRIMARY STRUT IN INCHES FOR LANDING GEAR:			
	$\dot{X}$	$\dot{Y}$	$\dot{Z}$	ω_X	ω_Y	ω_Z		+Y	+Z	-Y	-Z
21	-77.1	-27.1	133.9	-.0042	.0032	.0091	-Y	4.6	29.0	8.8	0.0
22	-115.0	- 5.4	63.7	.0014	.0034	.0030	+Y	15.9	17.4	19.1	0.0
23	-86.9	- 3.3	67.7	.0027	.0057	.0088	-Y	7.6	17.8	10.2	1.2
24	-76.1	12.3	39.9	.0021	.0046	.0038	+Y	10.8	11.5	5.2	2.8
25	-77.3	-17.2	62.6	.0017	.0026	.0073	-Y	5.4	17.1	10.1	1.8
26	-77.6	-14.7	51.9	-.0011	.0001	.0049	+Y	6.7	14.1	13.5	0.0
27	-75.9	12.4	50.0	-.0006	.0035	.0027	+Z	2.2	15.4	2.9	9.6
28	-85.1	9.7	63.3	.0002	.0043	.0076	-Z	13.4	13.9	11.8	3.5
29	-84.2	3.8	38.4	.0002	.0021	.0067	-Z	8.8	14.4	10.7	3.8
30	-82.8	2.8	23.8	-.0005	.0059	.0062	+Y	9.9	13.7	5.5	6.3
31	-92.9	- 1.0	76.2	.0016	.0073	.0058	+Y	11.2	18.5	9.3	0.0
32	-81.6	2.9	33.1	-.0036	.0057	.0067	+Z	1.6	16.5	6.3	6.2
33	-50.4	2.9	57.0	.0011	.0030	.0051	-Z	3.1	30.4	0.0	0.42
34	-80.2	- 1.6	75.8	.0015	.0024	.0062	+Z	3.9	17.7	1.2	3.5
35	-83.0	20.2	13.1	-.0018	.0050	.0051	-Y	5.2	13.9	6.7	7.6
36	-87.8	3.7	85.9	.0019	.0040	.0094	+Y	10.1	24.1	2.9	1.5
37	-86.8	-14.3	85.5	.0006	.0053	.0089	+Y	8.9	22.1	12.7	0.0
38	-121.2	7.0	89.1	-.0011	.0030	.0073	-Y	13.9	23.9	13.2	0.0
39	-83.4	3.5	55.8	.0003	.0016	.0056	+Z	9.1	19.1	6.4	2.4
40	-85.0	15.7	62.8	-.00006	.0052	.0094	-Y	16.5	9.1	10.2	2.0

TABLE 4.1 GENERAL LANDING INDICATORS (CONTINUED)

LANDING CASE NUMBER	TRANSLATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN LM BODY SYSTEM IN/SEC			ROTATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN BODY SYSTEM RAD/SEC			INITIAL FOOTPAD CONTACT	MAXIMUM STROKE IN PRIMARY STRUT IN INCHES FOR LANDING GEAR:			
	$\dot{X}$	$\dot{Y}$	$\dot{Z}$	ω_X	ω_Y	ω_Z		+Y	+Z	-Y	-Z
41	-91.0	5.0	58.9	-.0005	.0044	.0041	-Z	9.7	23.3	8.0	4.1
42	-85.2	- 2.6	21.7	.0031	.0086	.0051	-Y	8.4	11.6	10.8	1.5
43	-126.5	- 6.4	46.4	.00008	.0060	.0052	-Y	15.0	20.2	16.0	6.8
44	-91.0	- 0.9	79.1	-.0006	.0045	.0090	+Y	10.4	24.6	7.8	1.8
45	-75.5	0.2	115.1	.0014	.0030	.0039	+Y	6.4	20.4	2.8	0.0
46	-88.6	-15.4	84.1	.0001	.0030	.0085	-Z	2.1	22.7	10.2	2.1
47	-82.1	1.3	67.0	.0009	.0070	.0098	+Y	10.8	17.4	2.7	1.6
48	-55.3	20.5	71.4	-.0016	.0037	.0091	+Z	8.2	12.5	0.0	1.1
49	-85.8	10.4	71.2	-.0008	.0053	.0064	-Y	6.2	20.1	8.5	0.5
50	-93.2	3.7	51.7	-.0022	.0059	.0083	-Z	10.4	21.0	9.8	6.3
51	-80.1	14.3	49.3	.0014	.0056	.0078	-Y	13.7	11.7	10.1	2.9
52	-92.9	- 2.8	50.4	.0015	.0074	.0083	-Y	11.0	16.8	11.2	4.4
53	-70.5	8.8	60.3	.0006	.0032	.0062	-Y	15.5	10.9	7.5	0.0
54	-81.8	- 4.5	59.5	.0011	.0058	.0075	+Y	10.2	16.3	5.0	3.2
55	-81.8	- 2.9	78.7	.0012	.0017	.0130	+Y	8.6	21.0	3.3	0.9
56	-78.1	- 7.4	52.2	.0016	.0035	.0074	+Y	10.2	14.0	12.0	0.0
57	-87.0	-10.5	67.0	.0025	.0054	.0032	-Y	5.4	17.3	10.4	0.3
58	-66.5	8.6	46.5	.0016	-.0002	.0045	+Z	4.3	13.1	0.0	6.1
59	-85.1	- 7.5	11.5	-.0013	.0049	.0087	-Z	7.4	12.1	11.2	9.4
60	-82.8	-18.8	65.3	-.0013	.0021	.0068	-Y	6.4	17.3	11.6	2.1

TABLE 4.1 GENERAL LANDING INDICATORS (CONTINUED)

LANDING CASE NUMBER	TRANSLATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN LM BODY SYSTEM IN/SEC			ROTATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN BODY SYSTEM RAD/SEC			INITIAL FOOTPAD CONTACT	MAXIMUM STROKE IN PRIMARY STRUT IN INCHES FOR LANDING GEAR:			
	$\dot{X}$	$\dot{Y}$	$\dot{Z}$	ω_X	ω_Y	ω_Z		+Y	+Z	-Y	-Z
61	-83.2	5.3	68.4	.00008	.0044	.0091	-Y	2.7	19.2	10.1	0.5
62	-109.2	-15.9	60.7	.0027	.0045	.0082	+Z	9.4	22.3	12.8	3.9
63	-87.8	- 6.0	46.2	.0018	.0043	.0089	+Y	10.5	16.5	9.8	1.1
64	-95.9	2.9	78.0	.0021	.0036	.0067	+Y	11.9	17.3	15.5	0.0
65	-84.9	- 7.4	66.4	-.0019	.0062	.0078	-Y	7.8	18.8	10.9	2.1
66	-99.0	2.2	70.1	-.0034	.0082	.0059	-Z	11.1	25.0	10.2	4.3
67	-81.3	15.9	58.6	.0002	.0060	.0074	+Z	6.4	20.7	0.0	6.6
68	-84.8	-11.2	45.6	-.0004	.0063	.0079	+Z	3.9	17.7	10.3	5.3
69	-102.6	14.1	28.8	-.0020	.0003	.0109	-Z	14.8	15.0	10.1	9.2
70	-83.0	6.3	74.4	-.0012	.0053	.0061	+Y	11.2	15.8	5.0	1.2
71	-71.2	-19.2	65.2	.0014	.0035	.0046	+Z	2.7	15.4	5.1	3.6
72	-92.9	17.8	66.5	.0012	.0086	.0066	+Y	12.4	21.2	6.6	3.0
73	-101.8	- 7.9	15.1	.00009	.0026	.0027	+Z	11.2	13.8	12.2	10.7
74	-63.8	3.1	98.7	-.0014	.0061	.0085	+Z	2.8	16.3	2.5	0.5
75	-94.2	- 8.7	22.8	.0012	.0060	.0067	-Z	8.4	15.7	10.9	8.9
76	-77.4	1.7	62.3	-.0002	.0048	.0080	+Z	0.0	16.8	5.4	6.6
77	-89.8	14.1	74.2	-.0003	.0071	.0094	-Z	11.2	23.5	6.0	3.1
78	-93.3	- 7.1	49.6	.0025	.0017	.0057	+Y	11.1	17.8	8.5	3.2
79	-82.4	-16.6	41.3	.0011	.0034	.0055	+Y	7.7	16.4	7.2	4.7
80	-68.3	15.6	53.3	-.0027	.0040	.0041	+Z	0.8	14.7	0.0	8.9

TABLE 4.1 GENERAL LANDING INDICATORS (CONTINUED)

LANDING CASE NUMBER	TRANSLATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN LM BODY SYSTEM IN/SEC			ROTATIONAL VELOCITIES AT FOOTPAD TOUCHDOWN IN BODY SYSTEM RAD/SEC			INITIAL FOOTPAD CONTACT	MAXIMUM STROKE IN PRIMARY STRUT IN INCHES FOR LANDING GEAR:			
	$\dot{X}$	$\dot{Y}$	$\dot{Z}$	ω_X	ω_Y	ω_Z		+Y	+Z	-Y	-Z
81	-87.5	11.1	82.7	.0011	.0072	.0028	+Y	11.3	20.2	10.4	0.2
82	-85.3	11.6	39.3	.0023	.0070	.0049	-Y	15.0	11.2	8.2	4.1
83	-97.9	17.7	80.4	-.0008	.0047	.0042	-Z	13.4	25.5	9.2	3.4
84	-84.0	9.5	14.9	-.0015	.0057	.0055	+Y	11.4	5.8	14.1	2.4
85	-85.2	11.7	30.0	.0016	.0033	.0078	-Z	9.1	16.9	6.1	8.0
86	-116.1	- 3.1	52.2	.0013	.0042	.0034	-Y	12.1	19.8	13.8	4.8
87	-92.9	2.3	68.6	-.0003	.0061	.0043	-Z	11.3	24.7	10.4	4.0
88	-85.0	- 0.2	59.8	.0014	.0034	.0004	+Y	11.9	16.2	12.0	0.6
89	-102.4	5.7	79.8	-.0019	.0042	.0149	-Z	10.4	27.4	5.2	2.2
90	-89.0	0.9	44.7	.0013	.0057	.0121	-Z	0.8	27.2	4.2	5.4
91	-83.8	0.9	66.4	-.0002	.0070	.0077	+Y	9.7	21.7	4.8	2.7
92	-87.9	9.0	76.1	-.0002	.0048	.0068	-Z	10.5	27.9	6.8	2.8
93	-74.0	3.4	58.4	-.0019	.0054	.0059	+Z	8.2	15.9	6.2	0.0
94	-96.7	-13.4	70.6	.0019	.0048	.0092	-Z	9.2	24.8	10.7	3.3
95	-93.9	- 3.8	106.5	-.0011	.0047	.0066	-Y	4.3	25.9	9.7	0.1
96	-106.7	13.7	51.0	-.0011	.0029	.0055	-Y	9.2	20.6	10.1	7.2
97	-85.8	5.7	68.7	-.0046	.0023	.0093	-Z	6.2	28.7	6.7	3.0
98	-80.9	-17.5	62.6	-.0010	.0071	.0044	-Y	2.0	14.4	11.0	0.0
99	-87.2	- 7.6	43.8	.0007	.0011	.0107	+Y	10.3	15.2	8.8	5.7
100	-98.8	4.9	37.6	.0034	.0061	.0072	-Z	2.0	22.7	7.9	7.8

TABLE 4.1 GENERAL LANDING INDICATORS (CONTINUED)

TABLE 4.2 MAXIMUM VALUES OF EXTERNAL DYNAMIC LOADS

VARIABLE	TITLE	PROBABILITY	CASE	VALUE 1	VALUE 2	VALUE 3	TIME
DL 501	+X	.99597800+00	25	.21103677+03	.14945205+03	-.10705132+03	.44249568+00
DL 501	-X	.99597800+00	42	-.37390857+03	.16588856+03	.21265510+03	.24789960+00
DL 501	Y	.99597800+00	88	-.37894151+03	-.10783388+01	.31727478+02	.11050543+01
DL 501	Z	.99597800+00	60	.30837292+03	-.34290634+03	.31567713+02	.22159964+00
DL 502	+X	.99597800+00	44	.59386436+03	-.17867134+03	-.51226981+03	.54229208+00
DL 502	-X	.99597800+00	66	-.94686270+03	-.13108541+02	.41609169+03	.44979553+00
DL 502	Y	.99597800+00	64	-.79920361+03	.27125575+03	-.85282009+02	.55649126+00
DL 502	Z	.99597800+00	41	.10390633+04	-.82812544+03	.21294593+03	.23189962+00
DL 503	+X	.99597800+00	66	.20107379+03	-.10815683+03	.35618414+00	.61478791+00
DL 503	-X	.99597800+00	43	-.31769430+03	.14167699+03	-.96794288+02	.31309831+00
DL 503	Y	.99597800+00	77	-.34077153+03	.13456533+03	.89857436+02	.46369525+00
DL 503	Z	.99597800+00	83	.25782743+03	-.71826267+02	.30716464+02	.24959959+00
DL 504	+X	.99597800+00	54	.41065373+03	.33551489+02	-.77982481+02	.50699411+00
DL 504	-X	.99597800+00	43	-.72522405+03	.19952183+02	.96066846+02	.31199833+00
DL 504	Y	.99597800+00	92	.55408824+03	-.30974969+03	.33196271+01	.56389084+00
DL 504	Z	.99597800+00	97	.77780403+03	-.16384797+03	-.25952549+03	.46129530+00
DL 505	+X	.99597800+00	100	.17913850+03	.51769335+02	.14934951+02	.50059448+00
DL 505	-X	.99597800+00	42	-.33266719+03	.77581924+02	.85003093+02	.25009959+00
DL 505	Y	.99597800+00	64	-.27702392+03	.87685969+02	.12241775+03	.55649126+00
DL 505	Z	.99597800+00	60	.26190091+03	-.13636607+03	-.80801591+02	.27549908+00
DL 506	+X	.99597800+00	43	.41801272+03	.13584377+03	.27946344+02	.48359485+00
DL 506	-X	.99597800+00	88	-.65876369+03	-.22030131+03	-.43309203+01	.22149964+00
DL 506	Y	.99597800+00	64	-.53623826+03	.25879523+03	.17248920+03	.55099158+00
DL 506	Z	.99597800+00	86	-.50499835+03	-.53163408+02	.20538372+03	.54367200+00
DL 507	+X	.99597800+00	47	.22571921+03	.71130917+02	.15826536+03	.74308052+00
DL 507	-X	.99597800+00	4	-.29339008+03	-.55154521+02	-.11816674+03	.38289689+00
DL 507	Y	.99597800+00	92	.12227762+03	.55939345+02	.12965741+03	.56169096+00
DL 507	Z	.99597800+00	57	-.18993247+03	-.23040911+03	-.10446678+03	.31239833+00
DL 508	+X	.99597800+00	4	.28936805+03	-.84104736+02	.18357819+03	.41039633+00
DL 508	-X	.99597800+00	4	.34263778+03	.84928951+02	-.13950708+03	.38289689+00
DL 508	Y	.99597800+00	64	-.14284305+03	.17944595+03	.18682926+03	.55099158+00
DL 508	Z	.99597800+00	64	.18682926+03	.17944595+03	-.14284305+03	.55099158+00
DL 509	+X	.99597800+00	43	.44039810+03	.48578302+02	.33043327+03	.48249487+00
DL 509	-X	.99597800+00	88	-.78918951+03	.65993910+02	.50572637+02	.22039964+00
DL 509	Y	.99597800+00	64	-.49432681+03	.19239325+03	.26180310+03	.54769177+00
DL 509	Z	.99597800+00	68	.54237267+03	-.11908182+03	-.25901826+02	.13759978+00
DL 510	+X	.99597800+00	11	.31330661+03	-.58292177+01	.43300592+02	.35989736+00
DL 510	-X	.99597800+00	43	-.52922626+03	-.18203499+03	-.13223959+03	.31089836+00
DL 510	Y	.99597800+00	81	.39679339+03	.32907940+01	-.44626321+02	.40759639+00
DL 510	Z	.99597800+00	68	.45213759+03	.12637672+02	-.18049426+03	.13759978+00
DL 511	+X	.99597800+00	99	.22623750+03	.54910462+02	-.69433535+02	.53459252+00
DL 511	-X	.99597800+00	60	-.47590854+03	-.10119633+03	-.15767288+03	.22709963+00
DL 511	Y	.99597800+00	69	.28889521+03	-.12230993+02	-.16442055+02	.52719295+00
DL 511	Z	.99597800+00	68	.50842475+03	-.28675688+02	-.62932806+02	.13759978+00
DL 512	+X	.99597800+00	31	.47255357+03	-.83350945+02	.12151180+03	.88367242+00
DL 512	-X	.99597800+00	8	-.90914111+03	.51169757+02	.32593597+01	.34859759+00
DL 512	Y	.99597800+00	31	-.75569358+03	.33581285+02	.91232109+02	.81747622+00
DL 512	Z	.99597800+00	72	.84997360+03	-.79842924+02	.85675001+02	.32209813+00
DL 513	+X	.99597800+00	66	.59515099+03	.18579033+03	.13308799+03	.53119272+00
DL 513	-X	.99597800+00	83	-.73899303+03	-.31689251+03	-.25080682+02	.29799862+00
DL 513	Y	.99597800+00	43	.41451827+03	.32924629+03	-.69511065+02	.30869840+00
DL 513	Z	.99597800+00	81	.74499986+03	-.11332018+03	-.16256933+03	.43289588+00
DL 514	+X	.99597800+00	44	.32219563+03	.87217295+02	.20116754+01	.69508328+00
DL 514	-X	.99597800+00	83	-.91962502+03	.15950500+03	.16699025+03	.28369891+00
DL 514	Y	.99597800+00	64	-.77051705+03	-.38298435+03	.26948452+03	.34869759+00

TABLE 4.2 MAXIMUM VALUES OF EXTERNAL DYNAMIC LOADS (CONTINUED)

DL 514 Z	.9959778E+00	81	.5078879E+03	.1824339E+03	.5665113E+01	.4328958E+00	
DL 515 M_X	.9959778E+00	31	.1111395E+04	.1405557E+03	.4419713E+03	.8836724E+00	
DL 515 $-X$	.9959778E+00	8	.2158262E+04	-.3046729E+03	.2123965E+02	.3474976E+00	
DL 515 Y	.9959778E+00	57	.1456619E+04	-.5092479E+01	-.6637816E+03	.3453976E+00	
DL 515 Z	.9959778E+00	18	.1612987E+04	-.7617788E+03	-.2730555E+03	.2632993E+00	
DL 516 M_X	.9959778E+00	53	.1253779E+03	.1514799E+02	.5285589E+02	.5570912E+00	
DL 516 $-X$	.9959778E+00	23	.2149404E+03	-.1002325E+01	.6968626E+02	.2907987E+00	
DL 516 Y	.9959778E+00	78	.1765708E+03	-.1964493E+01	.1494614E+03	.5279929E+00	
DL 516 Z	.9959778E+00	68	.1914672E+03	-.1238217E+03	-.2440711E+02	.1375997E+00	
DL 517 M_X	.9959778E+00	10	.1122306E+03	.8303838E+02	-.6766226E+01	.6257872E+00	
DL 517 $-X$	.9959778E+00	60	.2495709E+03	-.4394612E+02	-.1987272E+01	.2281996E+00	
DL 517 Y	.9959778E+00	99	.1149111E+03	-.6370855E+01	-.3871794E+02	.5026943E+00	
DL 517 Z	.9959778E+00	68	.1899769E+03	-.4909252E+02	-.9041328E+01	.1375997E+00	
DL 518 M_X	.9959778E+00	44	.1063375E+03	.1251711E+02	-.5746203E+02	.4466956E+00	
DL 518 $-X$	.9959778E+00	23	.2168369E+03	-.9205239E+02	.5481197E+02	.2907987E+00	
DL 518 Y	.9959778E+00	22	.1649216E+03	-.3452768E+02	.5489628E+02	.4228960E+00	
DL 518 Z	.9959778E+00	68	.1879396E+03	-.1257170E+03	.9171786E+01	.1375997E+00	
DL 519 M_X	.9959778E+00	22	.1019076E+04	.2387171E+03	-.3211780E+02	.4646952E+00	
DL 519 $-X$	.9959778E+00	89	.2123814E+04	.9722019E+03	-.9189433E+02	.6669849E+00	
DL 519 Y	.9959778E+00	64	.1408126E+04	-.3627202E+03	-.2777893E+03	.3893967E+00	
DL 519 Z	.9959778E+00	52	.1455637E+04	-.7210236E+02	-.7408309E+01	.2109996E+00	
DL 520 M_X	.9959778E+00	66	.4074162E+03	.2455540E+02	.2807700E+02	.6235874E+00	
DL 520 $-X$	.9959778E+00	89	.9151956E+03	.6955353E+00	.2035346E+03	.6669849E+00	
DL 520 Y	.9959778E+00	88	.7246691E+03	-.1337713E+03	.4999852E+02	.1164694E+01	
DL 520 Z	.9959778E+00	60	.6346869E+03	-.3019352E+03	-.1024983E+02	.2776990E+00	
DL 521 M_X	.9959778E+00	52	.6276597E+03	-.2515089E+03	-.3614232E+02	.3590973E+00	
DL 521 $-X$	.9959778E+00	43	-.1007719E+04	.2662693E+03	-.5912586E+01	.4098963E+00	
DL 521 Y	.9959778E+00	63	-.6290319E+03	.1756427E+03	.6973432E+01	.3280980E+00	
DL 521 Z	.9959778E+00	69	.5221927E+03	-.3819378E+03	-.3717727E+02	.3253980E+00	
DL 522 M_X	.9959778E+00	1	.4520609E+03	-.2010547E+03	-.2795571E+02	.3972966E+00	
DL 522 $-X$	.9959778E+00	43	-.9912852E+03	.1387109E+03	-.1144907E+03	.3185982E+00	
DL 522 Y	.9959778E+00	8	-.3881500E+03	.2960631E+03	-.4231445E+02	.3308979E+00	
DL 522 Z	.9959778E+00	60	.2769300E+03	-.2817033E+03	-.1611383E+03	.2754997E+00	
DL 523 M_X	.9959778E+00	25	.2365849E+03	.1331880E+03	-.1285465E+03	.4446956E+00	
DL 523 $-X$	.9959778E+00	42	-.5455559E+03	.1095827E+03	.2894114E+03	.2489996E+00	
DL 523 Y	.9959778E+00	88	.5273609E+03	-.9248990E+02	.3162679E+02	.1164694E+01	
DL 523 Z	.9959778E+00	8	.4625410E+03	-.3023488E+03	-.2897000E+02	.3507975E+00	
DL 524 M_X	.9959778E+00	31	.1700620E+03	-.4919841E+01	.1221918E+02	.8836724E+00	
DL 524 $-X$	.9959778E+00	8	-.3391465E+03	-.2600333E+02	.2122063E+03	.3485975E+00	
DL 524 Y	.9959778E+00	86	.3065921E+03	-.5397358E+02	.1016172E+03	.1164694E+01	
DL 524 Z	.9959778E+00	60	.2981790E+03	-.2072601E+03	-.4968094E+02	.2276996E+00	
DL 525 M_X	.9959778E+00	44	.3739348E+03	.4556385E+02	.1351449E+02	.4818948E+00	
DL 525 $-X$	.9959778E+00	83	-.5567389E+03	-.2681578E+02	.2827776E+02	.2924987E+00	
DL 525 Y	.9959778E+00	38	.4372269E+03	-.1912160E+03	.3121812E+02	.5810898E+00	
DL 525 Z	.9959778E+00	72	.4199369E+03	-.1097334E+03	-.1396394E+03	.3231981E+00	
DL 526 M_X	.9959778E+00	44	.9050678E+03	-.5260550E+02	-.2337930E+03	.4818948E+00	
DL 526 $-X$	.9959778E+00	23	-.1302133E+04	.2148456E+03	.2645625E+03	.2907987E+00	
DL 526 Y	.9959778E+00	38	.9754080E+03	-.4119705E+03	.1039613E+03	.5799899E+00	
DL 526 Z	.9959778E+00	18	.9028580E+03	-.6716383E+03	.1779997E+03	.2632993E+00	
DL 527 M_X	.9959778E+00	44	.2637965E+03	.8085002E+02	.2734661E+03	.4466956E+00	
DL 527 $-X$	.9959778E+00	23	-.4255873E+03	.7867845E+02	-.3500098E+02	.2907987E+00	
DL 527 Y	.9959778E+00	38	.2644994E+03	-.1650605E+03	.1497049E+03	.5799899E+00	
DL 527 Z	.9959778E+00	44	.8024025E+03	.8480953E+01	-.6171242E+02	.9629524E+00	
DL 528 M_X	.9959778E+00	44	.7222905E+03	.3338702E+03	-.9137314E+02	.4466956E+00	
DL 528 $-X$	.9959778E+00	10	-.1134178E+04	.2731339E+02	.1070945E+03	.4089963E+00	
DL 528 Y	.9959778E+00	38	.9027459E+03	-.5255205E+03	.2840861E+03	.5799899E+00	
DL 528 Z	.9959778E+00	52	.7690519E+03	-.1521721E+03	.1012930E+03	.2109996E+00	
DL 529 M_X	.9959778E+00	44	.3469532E+03	.1921134E+03	.1013712E+03	.4466956E+00	

TABLE 4.2 MAXIMUM VALUES OF EXTERNAL DYNAMIC LOADS (CONTINUED)

DL 529 +X	.995978E+00	10	.56614920E+03	.71737675E+02	-.92244145E+02	.40899636E+00	
DL 529 Y	.995978E+00	38	.47928516E+03	-.12632457E+03	.19144271E+03	.58108985E+00	
DL 529 Z	.995978E+00	60	.47273850E+03	-.16300344E+03	.62565449E+02	.27659905E+00	
DL 530 +X	.995978E+00	44	.22605853E+03	.95264481E+02	.68495757E+02	.44669560E+00	
DL 530 -X	.995978E+00	23	.37501386E+03	.11611788E+02	-.83150010E+02	.29079876E+00	
DL 530 Y	.995978E+00	43	.34681187E+03	-.86337506E+01	.46145494E+02	.30539847E+00	
DL 530 Z	.995978E+00	41	.28103333E+03	-.15507119E+01	-.31005400E+02	.23189962E+00	
DL 531 +X	.995978E+00	8	.25464943E+04	-.11703545E+04	.93573563E+02	.36289730E+00	
DL 531 -X	.995978E+00	16	-.39911327E+04	-.59306810E+03	-.33828217E+03	.24579960E+00	
DL 531 Y	.995978E+00	43	.40158501E+04	.13178154E+03	.77124588E+03	.29219874E+00	
DL 531 Z	.995978E+00	81	.24638391E+04	-.32830976E+03	.18228978E+03	.56859057E+00	
DL 532 +X	.995978E+00	64	.28058868E+03	.81013439E+01	-.19820664E+02	.66778474E+00	
DL 532 -X	.995978E+00	66	-.34873952E+03	-.24086772E+02	.27298387E+02	.45199549E+00	
DL 532 Y	.995978E+00	43	.16098904E+03	.49635321E+01	.12196250E+03	.29329871E+00	
DL 532 Z	.995978E+00	64	.13699928E+03	.10841753E+03	-.14615042E+03	.57407025E+00	
DL 533 +X	.995978E+00	65	.25613337E+03	-.35998160E+02	-.14212123E+02	.31559826E+00	
DL 533 -X	.995978E+00	37	-.30010958E+03	-.34710958E+02	.72267287E+02	.31949818E+00	
DL 533 Y	.995978E+00	43	.15615595E+03	.76492468E+00	-.47858354E+02	.29219874E+00	
DL 533 Z	.995978E+00	81	.12492281E+03	.74320170E+00	-.10768965E+03	.41859617E+00	
DL 534 +X	.995978E+00	10	.63590815E+04	.18286615E+04	-.37240036E+04	.64448620E+00	
DL 534 -X	.995978E+00	66	-.95134200E+04	.62739775E+02	.36649881E+03	.46735518E+00	
DL 534 Y	.995978E+00	66	.68201846E+04	.82817674E+02	.46668985E+03	.50809405E+00	
DL 534 Z	.995978E+00	88	.73133867E+04	-.10836667E+03	-.39868678E+03	.68348395E+00	
DL 535 +X	.995978E+00	44	.52174225E+04	-.13364933E+04	.53826047E+04	.83869284E+00	
DL 535 -X	.995978E+00	94	.71117899E+04	-.94533157E+03	.29318239E+04	.91219630E+00	
DL 535 Y	.995978E+00	81	-.48647375E+04	.33629897E+04	.33586313E+04	.10901604E+01	
DL 535 Z	.995978E+00	88	.71637010E+04	-.61120799E+03	.90546970E+03	.54479194E+00	
DL 601 +X	.995978E+00	33	.47899207E+04	-.51312086E+03	.40908443E+02	.10923108E+01	
DL 601 -X	.995978E+00	33	-.48196522E+04	-.22373198E+02	-.76147906E+03	.10838290E+01	
DL 601 Y	.995978E+00	43	-.14554806E+04	-.26668879E+03	-.65796122E+02	.29439869E+00	
DL 601 Z	.995978E+00	46	-.25087603E+04	.25312936E+04	-.48099170E+02	.42669600E+00	
DL 602 +X	.995978E+00	53	.10369032E+04	.14250742E+03	-.38791212E+02	.51309376E+00	
DL 602 -X	.995978E+00	88	-.18925678E+04	.76295724E+01	-.34482904E+03	.22039969E+00	
DL 602 Y	.995978E+00	86	.21116143E+04	-.16080724E+03	.16855033E+03	.49419863E+00	
DL 602 Z	.995978E+00	89	.17019956E+04	-.66630713E+03	-.18050810E+03	.70218287E+00	
DL 603 +X	.995978E+00	33	.10928120E+04	-.69161632E+03	-.75083790E+02	.11504504E+01	
DL 603 -X	.995978E+00	89	-.18548893E+04	.10905406E+04	-.36391922E+03	.64278629E+00	
DL 603 Y	.995978E+00	93	.13584253E+04	.18627450E+03	-.35789676E+03	.49129469E+00	
DL 603 Z	.995978E+00	23	.20918295E+04	-.89081566E+02	.46186623E+03	.30179854E+00	
DL 604 +X	.995978E+00	81	.10356776E+04	.21283753E+03	.11478938E+04	.78637803E+00	
DL 604 -X	.995978E+00	8	-.19554386E+04	-.16865443E+03	.39024029E+03	.21929965E+00	
DL 604 Y	.995978E+00	4	.15470519E+04	.31352293E+03	.37996076E+03	.27559903E+00	
DL 604 Z	.995978E+00	21	.17545405E+04	.30263626E+03	-.16479380E+03	.26569927E+00	
DL 605 +X	.995978E+00	89	-.53867435E+04	-.21968034E+03	.12087012E+04	.66038528E+00	
DL 605 -X	.995978E+00	97	-.48261835E+04	-.31063221E+03	-.53945599E+03	.94039572E+00	
DL 605 Y	.995978E+00	43	-.14165912E+04	-.11056759E+04	.53903819E+03	.30979838E+00	
DL 605 Z	.995978E+00	42	.19122697E+04	.12426513E+04	-.60018475E+03	.22659963E+00	
DL 606 +X	.995978E+00	90	.68213185E+03	-.29203638E+03	-.19105912E+03	.56279090E+00	
DL 606 -X	.995978E+00	89	-.10038182E+04	.39576538E+03	-.24509429E+02	.64278629E+00	
DL 606 Y	.995978E+00	92	-.50294708E+03	-.34694376E+03	.15617435E+03	.46159529E+00	
DL 606 Z	.995978E+00	24	-.55956326E+03	.12011798E+03	-.29419738E+03	.62988704E+00	
DL 607 +X	.995978E+00	33	.70642959E+03	-.11419333E+03	-.22638063E+03	.10944355E+01	
DL 607 -X	.995978E+00	89	-.10867701E+04	.18065562E+03	-.79357228E+02	.64278629E+00	
DL 607 Y	.995978E+00	92	-.45954471E+03	-.24928828E+03	.16463902E+03	.46159529E+00	
DL 607 Z	.995978E+00	31	.86644892E+03	-.34484541E+02	-.25494603E+03	.68208403E+00	
DL 608 +X	.995978E+00	33	.99169341E+03	-.11225829E+03	-.13019688E+02	.11005947E+01	
DL 608 -X	.995978E+00	86	-.12593534E+04	.90237142E+03	.92985606E+02	.64429564E+00	
DL 608 Y	.995978E+00	46	.11471324E+04	-.91786723E+03	.31181409E+03	.40869637E+00	

TABLE 4.2 MAXIMUM VALUES OF EXTERNAL DYNAMIC LOADS (CONTINUED)

DL 608 Z	.995978E+00	14	.62326573E+03	-.13650384E+03	.14766872E+03	.20909966E+00	
DL 609 *X	.995978E+00	46	.30170492E+03	.83198711E+03	-.63706365E+03	.41419626E+00	
DL 609 -X	.995978E+00	8	.45192233E+03	-.59960017E+03	.64364245E+03	.29349871E+00	
DL 609 Y	.995978E+00	8	-.11601837E+04	-.34341773E+03	.11398886E+04	.32979797E+00	
DL 609 Z	.995978E+00	8	.11853734E+04	-.35353126E+03	-.11515373E+04	.33199793E+00	
DL 610 *X	.995978E+00	20	.70931194E+03	-.32512373E+04	.30037214E+04	.11092450E+01	
DL 610 -X	.995978E+00	47	-.43212262E+03	.35319666E+04	-.34883462E+04	.43839576E+00	
DL 610 Y	.995978E+00	29	.36563970E+04	-.35138914E+03	-.34151422E+04	.93636939E+00	
DL 610 Z	.995978E+00	33	-.39237146E+04	.15041942E+03	.31166125E+04	.10831876E+01	
DL 611 *X	.995978E+00	13	.71907196E+03	.31625662E+04	.30893967E+04	.76337935E+00	
DL 611 -X	.995978E+00	49	-.47550278E+03	-.36246077E+04	-.33997922E+04	.35769740E+00	
DL 611 Y	.995978E+00	27	.36734849E+04	-.36052387E+03	-.33863893E+04	.11597205E+01	
DL 611 Z	.995978E+00	33	-.39964572E+04	.11447875E+03	-.29976783E+04	.10626574E+01	
DL 612 *X	.995978E+00	16	.97398335E+04	-.11441206E+04	.61003786E+04	.26999919E+00	
DL 612 -X	.995978E+00	24	-.29187310E+04	-.10604815E+04	-.23977508E+04	.62768716E+00	
DL 612 Y	.995978E+00	25	.21709371E+04	.19800091E+03	.72127555E+03	.75763941E+00	
DL 612 Z	.995978E+00	80	.77792086E+04	.80776646E+04	.17441931E+03	.42473795E+00	
DL 613 *X	.995978E+00	90	.14312419E+04	-.25328077E+04	-.52930975E+04	.55289147E+00	
DL 613 -X	.995978E+00	62	-.23607385E+04	.39506022E+03	.75215273E+03	.26069938E+00	
DL 613 Y	.995978E+00	33	-.33067537E+04	.11707990E+04	-.58419171E+04	.10838290E+01	
DL 613 Z	.995978E+00	33	-.58419171E+04	.11707990E+04	-.33067537E+04	.10838290E+01	
DL 614 *X	.995978E+00	33	.13303284E+04	.16129387E+04	-.31829153E+04	.10838290E+01	
DL 614 -X	.995978E+00	67	-.15746451E+04	-.12053998E+04	.17224982E+04	.35753227E+00	
DL 614 Y	.995978E+00	33	-.20535059E+04	-.52430899E+03	.23149990E+04	.10923108E+01	
DL 614 Z	.995978E+00	33	-.31829153E+04	.13303284E+04	.16129387E+04	.10838290E+01	
DL 615 *X	.995978E+00	90	.14773033E+04	.88603588E+03	.22763084E+04	.55289147E+00	
DL 615 -X	.995978E+00	18	-.20711467E+04	-.22998601E+03	-.72352475E+03	.36909717E+00	
DL 615 Y	.995978E+00	81	.16485136E+04	-.43707172E+03	.61214628E+03	.69838309E+00	
DL 615 Z	.995978E+00	31	.23448387E+04	-.98064607E+02	.78038829E+03	.68208903E+00	
DL 616 *X	.995978E+00	90	.16802321E+04	.62743839E+03	-.10260263E+04	.56059103E+00	
DL 616 -X	.995978E+00	66	-.24238326E+04	-.10366648E+04	.35419989E+03	.41679620E+00	
DL 616 Y	.995978E+00	82	.18448315E+04	-.12087168E+04	.38529152E+03	.51429369E+00	
DL 616 Z	.995978E+00	33	.24700805E+04	-.33321572E+03	-.10419889E+04	.10838290E+01	
DL 617 *X	.995978E+00	33	.94584483E+03	-.45956990E+03	.67162531E+03	.10933495E+01	
DL 617 -X	.995978E+00	66	-.11256916E+04	.30894503E+03	-.89823656E+03	.39809658E+00	
DL 617 Y	.995978E+00	86	-.51073468E+03	-.35274535E+02	.33044022E+03	.45239548E+00	
DL 617 Z	.995978E+00	33	-.10367990E+04	-.11172427E+04	.44436809E+03	.10838290E+01	
DL 618 *X	.995978E+00	33	.13955705E+04	-.94629734E+02	.86958526E+03	.10933495E+01	
DL 618 -X	.995978E+00	33	-.16886794E+04	.12079479E+03	-.10166752E+04	.10838290E+01	
DL 618 Y	.995978E+00	86	-.55837236E+03	.10598537E+02	-.77147839E+02	.11156951E+01	
DL 618 Z	.995978E+00	33	-.10166752E+04	-.16886794E+04	.12079679E+03	.10838290E+01	
DL 619 *X	.995978E+00	98	.96848569E+03	-.24990352E+04	-.33134735E+04	.65538557E+00	
DL 619 -X	.995978E+00	73	-.35393685E+03	.35714421E+04	.34870874E+04	.53948221E+00	
DL 619 Y	.995978E+00	77	.38448397E+04	-.20383866E+03	.31865202E+04	.75847963E+00	
DL 619 Z	.995978E+00	73	.34870874E+04	-.35393665E+03	.35714821E+04	.53948221E+00	
DL 620 *X	.995978E+00	32	.55228535E+03	.31613313E+03	-.52433501E+01	.38022568E+00	
DL 620 -X	.995978E+00	87	-.93497209E+03	-.96569719E+03	-.91568986E+02	.62788715E+00	
DL 620 Y	.995978E+00	87	-.96569719E+03	-.93497209E+03	-.91568986E+02	.62788715E+00	
DL 620 Z	.995978E+00	12	.45964597E+03	-.63181248E+02	-.35510823E+01	.91764188E+00	
DL 621 *X	.995978E+00	81	.17490960E+04	-.84964043E+03	.57047192E+03	.81167657E+00	
DL 621 -X	.995978E+00	8	-.26708708E+04	.69828984E+03	.52302225E+03	.21529965E+00	
DL 621 Y	.995978E+00	22	.14161810E+04	-.13057589E+04	.39022445E+03	.42269608E+00	
DL 621 Z	.995978E+00	69	.17275644E+04	-.46827330E+03	.52469322E+03	.51509365E+00	
DL 622 *X	.995978E+00	32	.31526839E+03	-.46022448E+02	.96858492E+02	.43626991E+00	
DL 622 -X	.995978E+00	87	-.52477394E+03	-.10757034E+03	-.98946167E+03	.62788715E+00	
DL 622 Y	.995978E+00	64	.32545576E+03	-.10867905E+03	-.36694933E+03	.43219589E+00	
DL 622 Z	.995978E+00	72	-.10345029E+04	-.36233223E+03	-.21067935E+01	.53089274E+00	
DL 623 *X	.995978E+00	41	.50757576E+03	.89049767E+02	.37517144E+03	.81167657E+00	

TABLE 4.2 MAXIMUM VALUES OF EXTERNAL DYNAMIC LOADS (CONTINUED)

DL 623 +X	.995978E+00	8	.80259539E+03	-.19033816E+03	.26603874E+03	.21429965E+00	
DL 623 Y	.995978E+00	89	.48828206E+03	-.31820870E+03	.47819034E+03	.64278629E+00	
DL 623 Z	.995978E+00	21	.18354348E+04	-.45984417E+03	.15580969E+03	.25249954E+00	
DL 624 +X	.995978E+00	31	.11845086E+04	.27335146E+04	-.33748107E+04	.89137198E+00	
DL 624 -X	.995978E+00	40	.34372063E+03	-.32732513E+04	.31855161E+04	.50259437E+00	
DL 624 Y	.995978E+00	46	.38848004E+04	-.15548421E+03	.31511949E+04	.70788255E+00	
DL 624 Z	.995978E+00	78	.35365856E+04	.82358452E+03	.26638505E+04	.84957439E+00	
DL 625 +X	.995978E+00	40	.11067320E+05	-.71709238E+04	.18756264E+04	.32269812E+00	
DL 625 -X	.995978E+00	10	.39964800E+04	.32871479E+04	.10672556E+03	.63678664E+00	
DL 625 Y	.995978E+00	43	.75883494E+04	.10772217E+05	.12769940E+04	.31309831E+00	
DL 625 Z	.995978E+00	38	.35966783E+04	.10616420E+05	-.45937621E+04	.64268630E+00	
DL 626 +X	.995978E+00	8	.11305559E+05	.75448774E+04	.16194728E+04	.22639963E+00	
DL 626 -X	.995978E+00	98	.34044870E+04	-.26360167E+04	.46390000E+03	.32089815E+00	
DL 626 Y	.995978E+00	8	.78495098E+04	.10401662E+05	.15594642E+04	.31769822E+00	
DL 626 Z	.995978E+00	57	.34675723E+04	.10462302E+05	.50931876E+04	.21547965E+00	
DL 627 +X	.995978E+00	31	.96117360E+03	.22012146E+04	.38019277E+04	.10057650E+01	
DL 627 -X	.995978E+00	98	.57646169E+03	-.31023411E+04	-.38660812E+04	.49099470E+00	
DL 627 Y	.995978E+00	8	.36208851E+04	-.14732277E+03	-.34407965E+04	.34419768E+00	
DL 627 Z	.995978E+00	21	.41346789E+04	-.52801979E+03	-.27588013E+04	.25139957E+00	
DL 628 +X	.995978E+00	84	.93726255E+03	-.28382753E+04	.33570538E+04	.36519725E+00	
DL 628 -X	.995978E+00	38	.63521000E+03	.29091332E+04	-.40090352E+04	.63608668E+00	
DL 628 Y	.995978E+00	13	.36869957E+04	-.29204416E+03	-.33673584E+04	.67538442E+00	
DL 628 Z	.995978E+00	38	.40090352E+04	-.63521000E+03	.29091332E+04	.63608668E+00	
DL 629 +X	.995978E+00	33	.15037563E+04	.32072096E+03	.67199879E+03	.11575235E+01	
DL 629 -X	.995978E+00	18	.27073828E+04	-.71082458E+03	-.12594638E+02	.33039796E+00	
DL 629 Y	.995978E+00	22	.15798870E+04	.24903650E+03	.20109588E+03	.65599415E+00	
DL 629 Z	.995978E+00	63	.18008492E+04	.98733173E+03	.13371638E+03	.51939340E+00	
DL 630 +X	.995978E+00	70	.80796446E+03	-.40670654E+03	.14375570E+03	.55539133E+00	
DL 630 -X	.995978E+00	8	.12567150E+04	.28995708E+03	.25538650E+03	.21429965E+00	
DL 630 Y	.995978E+00	86	.98479990E+03	.27891232E+03	-.82910114E+03	.27929900E+00	
DL 630 Z	.995978E+00	33	.12565583E+04	.50325092E+03	.36522728E+02	.10838290E+01	
DL 631 +X	.995978E+00	32	.91255198E+03	-.76151267E+03	.36577916E+03	.93626991E+00	
DL 631 -X	.995978E+00	18	.16959205E+04	.74867829E+03	.16031962E+03	.33039796E+00	
DL 631 Y	.995978E+00	64	.13253293E+04	-.60789278E+03	-.21110710E+04	.55539133E+00	
DL 631 Z	.995978E+00	87	-.26055480E+04	-.91353589E+03	-.13183890E+04	.62788715E+00	
DL 632 +X	.995978E+00	81	.17410365E+04	.38579643E+03	-.41483879E+02	.85127429E+00	
DL 632 -X	.995978E+00	31	.16552992E+04	-.12117153E+03	.83399751E+03	.94719559E+00	
DL 632 Y	.995978E+00	84	.57213349E+03	-.91579323E+03	.94517052E+02	.28279893E+00	
DL 632 Z	.995978E+00	21	.15610150E+04	.18169141E+03	-.37957042E+03	.25249954E+00	
DL 633 +X	.995978E+00	33	.87573148E+03	.26237563E+03	.28197083E+03	.11504504E+01	
DL 633 -X	.995978E+00	33	.10559091E+04	-.20973048E+02	-.46821125E+03	.10838290E+01	
DL 633 Y	.995978E+00	22	.71860595E+03	-.23144224E+03	-.11843233E+03	.35619744E+00	
DL 633 Z	.995978E+00	64	-.66927594E+03	.20635638E+03	.13139377E+03	.64008695E+00	
DL 634 +X	.995978E+00	81	.24692339E+03	-.33533431E+03	.13970507E+03	.99396407E+00	
DL 634 -X	.995978E+00	8	.35993311E+03	.77448456E+02	.12716303E+03	.21429965E+00	
DL 634 Y	.995978E+00	10	.10193331E+04	-.90100951E+02	-.25222932E+03	.67013836E+00	
DL 634 Z	.995978E+00	64	.90395677E+03	.10990854E+00	.79539606E+02	.70608265E+00	
DL 635 +X	.995978E+00	44	.99534994E+03	.94892471E+03	.90926637E+03	.95107551E+00	
DL 635 -X	.995978E+00	69	.16970873E+04	-.38004809E+03	-.63795698E+03	.31329831E+00	
DL 635 Y	.995978E+00	38	.16776256E+04	-.14220368E+04	-.41772979E+03	.65588554E+00	
DL 635 Z	.995978E+00	44	.14042389E+04	-.12224890E+04	-.39934481E+03	.93899575E+00	
DL 636 +X	.995978E+00	54	.48416809E+03	.87552647E+02	.44659617E+03	.50699411E+00	
DL 636 -X	.995978E+00	83	.99475160E+03	.26014283E+03	-.79487137E+02	.21429962E+00	
DL 636 Y	.995978E+00	10	.14391977E+04	-.78462664E+02	.99069679E+03	.62798715E+00	
DL 636 Z	.995978E+00	10	.10354035E+04	.85149654E+02	.12027666E+04	.63128696E+00	
DL 637 +X	.995978E+00	18	.54081002E+03	.32721511E+03	.28435391E+02	.48459483E+00	
DL 637 -X	.995978E+00	41	.95801709E+03	-.12240203E+03	.16554159E+03	.21779965E+00	
DL 637 Y	.995978E+00	53	.17035454E+04	-.54810643E+02	.39111970E+03	.55599129E+00	

TABLE 4.2 MAXIMUM VALUES OF EXTERNAL DYNAMIC LOADS (CONTINUED)

DL 637 Z	.995978E+00	53	.63911970E+03	-.54810643E+02	-.17035454E+04	.55599129E+00	
DL 638 +X	.995978E+00	81	.13812147E+04	.37123848E+03	.18556079E+03	.11072516E+01	
DL 638 -X	.995978E+00	8	.17661544E+04	-.79309555E+02	-.15116179E+02	.36619723E+00	
DL 638 Y	.995978E+00	53	.10179303E+04	-.33302946E+03	-.28198408E+03	.55599129E+00	
DL 638 Z	.995978E+00	78	-.40528402E+03	.14636606E+02	-.47859424E+03	.51699354E+00	
DL 639 +X	.995978E+00	21	.12891655E+04	.38427180E+04	-.19605932E+04	.88167254E+00	
DL 639 -X	.995978E+00	45	-.63632814E+03	-.39802182E+04	.29098709E+04	.35959737E+00	
DL 639 Y	.995978E+00	45	-.39894167E+04	-.63351208E+03	.29302699E+04	.35739741E+00	
DL 639 Z	.995978E+00	33	.35162260E+04	-.40105195E+03	-.35375131E+04	.90097143E+00	
DL 640 +X	.995978E+00	74	.13189777E+04	-.37963530E+04	-.20130876E+04	.29909860E+00	
DL 640 -X	.995978E+00	95	-.65649812E+03	.40754325E+04	.28209977E+04	.28269893E+00	
DL 640 Y	.995978E+00	95	.41091052E+04	-.64893565E+03	.27584767E+04	.29919859E+00	
DL 640 Z	.995978E+00	62	.35957744E+04	-.35691948E+03	.34516306E+04	.89062798E+00	
DL 641 +X	.995978E+00	8	.10886258E+05	-.19562548E+04	-.68433577E+04	.47619500E+00	
DL 641 -X	.995978E+00	28	-.44983022E+04	.14564347E+03	.34727309E+04	.10334613E+01	
DL 641 Y	.995978E+00	98	-.36441617E+04	.10489939E+05	-.49444971E+04	.31759822E+00	
DL 641 Z	.995978E+00	8	-.69769543E+04	.10577162E+05	-.18377787E+04	.46629520E+00	
DL 501 +RX	.995978E+00	43	.25709404E+03	-.39829062E+03	.12432208E+03	.30649845E+00	
DL 501 -RX	.995978E+00	1	-.18453377E+03	.25838007E+02	-.23042638E+03	.32029817E+00	
DL 501 RY	.995978E+00	38	.80294229E+03	.61576544E+02	-.64363143E+02	.67898421E+00	
DL 501 RZ	.995978E+00	77	-.59664325E+03	.54291194E+02	-.52265854E+02	.47469503E+00	
DL 601 +RX	.995978E+00	100	.00000000	-.53050923E+03	-.74838814E+03	.11996787E+01	
DL 601 -RX	.995978E+00	100	.00000000	-.53050923E+03	-.74838814E+03	.11996787E+01	
DL 601 RY	.995978E+00	33	.26914269E+05	.00000000	.36345639E+04	.11105737E+01	
DL 601 RZ	.995978E+00	43	-.86936584E+04	.00000000	.82849427E+04	.30649845E+00	
DL 602 +RX	.995978E+00	100	.00000000	.46258464E+03	-.39125474E+03	.11996787E+01	
DL 602 -RX	.995978E+00	100	.00000000	.46258464E+03	-.39125474E+03	.11996787E+01	
DL 602 RY	.995978E+00	96	.89177241E+04	.00000000	-.10135864E+04	.49439463E+00	
DL 602 RZ	.995978E+00	12	.11488091E+05	.00000000	-.19530342E+04	.64468618E+00	
DL 603 +RX	.995978E+00	100	.00000000	-.19326562E+03	.12197667E+02	.11996787E+01	
DL 603 -RX	.995978E+00	100	.00000000	-.19326562E+03	.12197667E+02	.11996787E+01	
DL 603 RY	.995978E+00	23	-.12367092E+05	.00000000	.67913791E+04	.30179854E+00	
DL 603 RZ	.995978E+00	1	-.12318687E+05	.00000000	-.13006572E+04	.29499868E+00	
DL 604 +RX	.995978E+00	100	.00000000	.10307490E+04	-.21410184E+03	.11996787E+01	
DL 604 -RX	.995978E+00	100	.00000000	.10307490E+04	-.21410184E+03	.11996787E+01	
DL 604 RY	.995978E+00	21	.12678850E+05	.00000000	.16319109E+04	.26459930E+00	
DL 604 RZ	.995978E+00	89	.10198486E+05	.00000000	.20377579E+04	.62848712E+00	
DL 605 +RX	.995978E+00	44	.20585058E+05	-.25225910E+04	-.72883661E+04	.66928506E+00	
DL 605 -RX	.995978E+00	86	-.29139317E+05	-.64553072E+04	-.86310137E+03	.47109510E+00	
DL 605 RY	.995978E+00	83	.24828325E+05	-.20685478E+04	.72494589E+04	.36289730E+00	
DL 605 RZ	.995978E+00	55	.18094156E+05	-.10729317E+05	-.30522921E+04	.39499665E+00	

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS

A/S -Z27 AFT BULKHEAD
(FIGURE 4.1)

Load Symbol	Internal Load I.D.	Units	Load Symbol	Internal Load I.D.	Units
AS1	p_1	Lbs	AS34	p_{28L}	Lbs
AS2	p_2	Lbs	AS35	p_{29}	Lbs
AS3	p_3	Lbs	AS36	p_{29R}	Lbs
AS4	p_4	Lbs	AS37	p_{29L}	Lbs
AS5	p_5	Lbs	AS38	p_{30}	Lbs
AS6	p_6	Lbs	AS39	p_{31}	Lbs
AS7	p_7	Lbs	AS40	p_{32}	Lbs
AS8	p_8	Lbs	AS41	p_{33}	Lbs
AS9	p_9	Lbs	AS42	p_{34}	Lbs
AS10	p_{10}	Lbs	AS43	p_{35}	Lbs
AS11	p_{11}	Lbs	AS44	p_{36}	Lbs
AS12	p_{12}	Lbs	AS45	p_{37}	Lbs
AS13	p_{13}	Lbs	AS46	p_{38}	Lbs
AS14	p_{14}	Lbs	AS47	p_{39}	Lbs
AS15	p_{15}	Lbs	AS48	p_{40}	Lbs
AS16	p_{16}	Lbs	AS49	p_{41}	Lbs
AS17	p_{17}	Lbs	AS50	p_{42}	Lbs
AS18	p_{18}	Lbs	AS51	p_{43}	Lbs
AS19	p_{19}	Lbs	AS52	p_{44}	Lbs
AS20	p_{20}	Lbs	AS53	p_{45}	Lbs
AS21	p_{21}	Lbs	AS54	p_{46}	Lbs
AS22	p_{22}	Lbs	AS55	p_{47}	Lbs
AS23	p_{23}	Lbs	AS56	p_{48}	Lbs
AS24	p_{24}	Lbs	AS57	p_{49}	Lbs
AS25	p_{25}	Lbs	AS58	p_{50}	Lbs
AS26	p_{26}	Lbs	AS59	$p_{①}$	Lbs
AS27	p_{26R}	Lbs	AS60	$p_{②}$	Lbs
AS28	p_{26L}	Lbs	AS61	$p_{③}$	Lbs
AS29	p_{27}	Lbs	AS62	$p_{④}$	Lbs
AS30	p_{27R}	Lbs	AS63	$p_{⑤}$	Lbs
AS31	p_{27L}	Lbs	AS64	$p_{⑥}$	Lbs
AS32	p_{28}	Lbs	AS65	$p_{⑦}$	Lbs
AS33	p_{28R}	Lbs	AS66	$p_{⑧}$	Lbs

A/S AFT EQUIPMENT BAY
(FIGURE 4.2)

AS67	p_1	Lbs	AS72	p_6	Lbs
AS68	p_2	Lbs	AS73	p_7	Lbs
AS69	p_3	Lbs	AS74	p_8	Lbs
AS70	p_4	Lbs	AS75	p_9	Lbs
AS71	p_5	Lbs	AS76	p_{10}	Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

A/S +Z27 FORWARD BULKHEAD

(FIGURE 4.3)

Load Symbol	Internal Load I.D.	Units
AS77	q_1	Lbs/In
AS78	q_2	Lbs/In
AS79	q_3	Lbs/In
AS80	q_4	Lbs/In
AS81	q_5	Lbs/In
AS82	q_6	Lbs/In
AS83	q_7	Lbs/In
AS84	q_8	Lbs/In
AS85	q_9	Lbs/In
AS86	q_{10}	Lbs/In
AS87	q_{11}	Lbs/In
AS88	q_{12}	Lbs/In
AS89	q_{13}	Lbs/In
AS90	q_{14}	Lbs/In
AS91	q_{15}	Lbs/In
AS92	q_{16}	Lbs/In
AS93	q_{17}	Lbs/In
AS94	p_1	Lbs
AS95	p_2	Lbs
AS96	p_3	Lbs
AS97	p_4	Lbs
AS98	p_5	Lbs
AS99	p_6	Lbs
AS100	p_7	Lbs
AS101	p_8	Lbs
AS102	p_9	Lbs
AS103	p_{10}	Lbs
AS104	p_{11}	Lbs
AS105	p_{12}	Lbs
AS106	p_{13}	Lbs
AS107	p_{14}	Lbs
AS108	p_{15}	Lbs
AS109	p_{16}	Lbs
AS110	p_{17}	Lbs
AS111	p_{18}	Lbs
AS112	p_{19}	Lbs
AS113	p_{20}	Lbs
AS114	p_{21}	Lbs
AS115	p_{22}	Lbs
AS116	p_{23}	Lbs
AS117	p_{24}	Lbs
AS118	p_{25}	Lbs
AS119	p_{26}	Lbs
AS120	p_{27}	Lbs
AS121	p_{28}	Lbs
AS122	p_{29}	Lbs
AS123	p_{30}	Lbs
AS124	p_{31}	Lbs
AS125	p_{32}	Lbs
AS126	p_{33}	Lbs
AS127	p_{34}	Lbs
AS128	p_{35}	Lbs
AS129	p_{36}	Lbs
AS130	p_{37}	Lbs
AS131	p_{38}	Lbs
AS132	p_{39}	Lbs
AS133	p_{40}	Lbs
AS134	p_{41}	Lbs
AS135	p_{42}	Lbs
AS136	p_{43}	Lbs
AS137	p_{44}	Lbs
AS138	p_{45}	Lbs
AS139	p_{46}	Lbs
AS140	p_{47}	Lbs
AS141	p_{48}	Lbs
AS142	p_{49}	Lbs
AS143	p_{50}	Lbs
AS144	p_{51}	Lbs
AS145	p_{52}	Lbs
AS146	p_{53}	Lbs
AS147	p_{54}	Lbs
AS148	p_{55}	Lbs
AS149	p_{56}	Lbs
AS150	p_{57}	Lbs
AS151	p_{58}	Lbs
AS152	p_{59}	Lbs
AS153	p_{60}	Lbs
AS154	p_{61}	Lbs
AS155	p_{62}	Lbs
AS156	p_{63}	Lbs
AS157	p_{64}	Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

A/S LEFT SIDE CANTED BEAM (-Y22)

(FIGURE 4.4)

Load Symbol	Internal Load I.D.	Units	Load Symbol	Internal Load I.D.	Units
AS158	q_1	Lbs/In	AS180	p_6	Lbs
AS159	q_2	Lbs/In	AS181	p_7	Lbs
AS160	q_3	Lbs/In	AS182	p_8	Lbs
AS161	q_4	Lbs/In	AS183	p_9	Lbs
AS162	q_5	Lbs/In	AS184	p_{10}	Lbs
AS163	q_6	Lbs/In	AS185	p_{11}	Lbs
AS164	q_7	Lbs/In	AS186	p_{12}	Lbs
AS165	q_8	Lbs/In	AS187	p_{22}	Lbs
AS166	q_9	Lbs/In	AS188	p_{23}	Lbs
AS167	q_{10}	Lbs/In	AS189	p_{25}	Lbs
AS168	q_{11}	Lbs/In	AS190	p_{26}	Lbs
AS169	q_{12}	Lbs/In	AS191	p_{28}	Lbs
AS170	q_{13}	Lbs/In	AS192	p_{29}	Lbs
AS171	q_{14}	Lbs/In	AS193	p_{31}	Lbs
AS172	q_{15}	Lbs/In	AS194	p_{32}	Lbs
AS173	q_{16}	Lbs/In	AS195	p_{34}	Lbs
AS174	q_{17}	Lbs/In	AS196	p_{35}	Lbs
AS175	q_{18}	Lbs/In	AS197	p_{36}	Lbs
AS176	p_2	Lbs	AS198	p_{38}	Lbs
AS177	p_3	Lbs	AS199	p_{39}	Lbs
AS178	p_4	Lbs	AS200	p_{41}	Lbs
AS179	p_5	Lbs	AS201	p_{42}	Lbs
			AS202	p_{43}	Lbs

A/S RIGHT SIDE CANTED BEAM (+Y22)

(FIGURE 4.4)

AS203	q_1	Lbs/In	AS225	p_6	Lbs
AS204	q_2	Lbs/In	AS226	p_7	Lbs
AS205	q_3	Lbs/In	AS227	p_8	Lbs
AS206	q_4	Lbs/In	AS228	p_9	Lbs
AS207	q_5	Lbs/In	AS229	p_{10}	Lbs
AS208	q_6	Lbs/In	AS230	p_{11}	Lbs
AS209	q_7	Lbs/In	AS231	p_{12}	Lbs
AS210	q_8	Lbs/In	AS232	p_{22}	Lbs
AS211	q_9	Lbs/In	AS233	p_{23}	Lbs
AS212	q_{10}	Lbs/In	AS234	p_{25}	Lbs
AS213	q_{11}	Lbs/In	AS235	p_{26}	Lbs
AS214	q_{12}	Lbs/In	AS236	p_{28}	Lbs
AS215	q_{13}	Lbs/In	AS237	p_{29}	Lbs
AS216	q_{14}	Lbs/In	AS238	p_{31}	Lbs
AS217	q_{15}	Lbs/In	AS239	p_{32}	Lbs
AS218	q_{16}	Lbs/In	AS240	p_{34}	Lbs
AS219	q_{17}	Lbs/In	AS241	p_{35}	Lbs
AS220	q_{18}	Lbs/In	AS242	p_{36}	Lbs
AS221	p_2	Lbs	AS243	p_{38}	Lbs
AS222	p_3	Lbs	AS244	p_{39}	Lbs
AS223	p_4	Lbs	AS245	p_{41}	Lbs
AS224	p_5	Lbs	AS246	p_{42}	Lbs
			AS247	p_{43}	Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

A/S FRONT FACE BEAM

(FIGURE 4.5)

Load Symbol	Internal Load I.D.	Units	Load Symbol	Internal Load I.D.	Units
AS248	q_1	Lbs/In	AS257	p_7	Lbs
AS249	q_2	Lbs/In	AS258	p_8	Lbs
AS250	q_3	Lbs/In	AS259	p_9	Lbs
AS251	p_1	Lbs	AS260	p_{10}	Lbs
AS252	p_2	Lbs	AS261	p_{11}	Lbs
AS253	p_3	Lbs	AS262	p_{12}	Lbs
AS254	p_4	Lbs	AS263	p_{13}	Lbs
AS255	p_5	Lbs	AS264	p_{14}	Lbs
AS256	p_6	Lbs	AS265	p_{15}	Lbs
			AS266	p_{16}	Lbs

A/S FRONT FACE LOWER BULKHEAD

(FIGURE 4.6)

AS267	q_1	Lbs/In	AS275	p_2	Lbs
AS268	q_2	Lbs/In	AS276	p_3	Lbs
AS269	q_3	Lbs/In	AS277	p_4	Lbs
AS270	q_4	Lbs/In	AS278	p_5	Lbs
AS271	q_5	Lbs/In	AS279	p_6	Lbs
AS272	q_6	Lbs/In	AS280	p_7	Lbs
AS273	q_7	Lbs/In	AS281	p_8	Lbs
AS274	p_1	Lbs	AS282	p_9	Lbs
			AS283	p_{10}	Lbs

A/S FRONT FACE CENTER PANEL

(FIGURE 4.7)

AS284	q_1	Lbs/In	AS285	q_2	Lbs/In

A/S FRONT FACE LEFT BROW (-Y)

(FIGURE 4.8)

AS286	q_1	Lbs/In	AS290	p_2	Lbs
AS287	q_2	Lbs/In	AS291	p_3	Lbs
AS288	q_3	Lbs/In	AS292	p_4	Lbs
AS289	p_1	Lbs	AS293	p_5	Lbs
			AS294	p_6	Lbs

A/S FRONT FACE RIGHT BROW (+Y)

(FIGURE 4.8)

AS295	q_1	Lbs/In	AS299	p_2	Lbs
AS296	q_2	Lbs/In	AS300	p_3	Lbs
AS297	q_3	Lbs/In	AS301	p_4	Lbs
AS298	p_1	Lbs	AS302	p_5	Lbs
			AS303	p_6	Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)
A/S FRONT FACE CHEEK PANEL

(FIGURE 4.9)

Load Symbol	Internal Load I.D.	Units	Load Symbol	Internal Load I.D.	Units
AS304	q_1	Lbs/In	AS313	q_1	Lbs/In
AS305	q_2	Lbs/In	AS314	q_2	Lbs/In
AS306	q_3	Lbs/In	AS315	q_3	Lbs/In
AS307	p_1	Lbs	AS316	p_1	Lbs
AS308	p_2	Lbs	AS317	p_2	Lbs
AS309	p_3	Lbs	AS318	p_3	Lbs
AS310	p_4	Lbs	AS319	p_4	Lbs
AS311	p_5	Lbs	AS320	p_5	Lbs
AS312	p_6	Lbs	AS321	p_6	Lbs

LEFT (-Y) FWD. INTR. FTG. LONGERON PORTION

(FIGURE 4.10)

AS322	Q_1	Lbs/In	AS326	P_4	Lbs
AS323	P_1	Lbs	AS327	P_5	Lbs
AS324	P_2	Lbs	AS328	M_1	In-Lbs
AS325	P_3	Lbs	AS329	M_2	IN-Lbs

RIGHT (+Y) FWD. INTR. FTG. LONGERON PORTION

(FIGURE 4.10)

AS330	Q_1	Lbs/In	AS333	P_4	Lbs
AS331	P_1	Lbs	AS334	P_5	Lbs
AS332	P_2	Lbs	AS335	M_1	In-Lbs
			AS336	M_2	In-Lbs

LEFT (-Y) FWD. INTR. FTG. CORNER PORTION

(FIGURE 4.10)

AS337	Q_1	Lbs/In	AS342	P_6	Lbs
AS338	P_1	Lbs	AS343	P_7	Lbs
AS339	P_2	Lbs	AS344	P_8	Lbs
AS340	P_3	Lbs	AS345	M_3	In-Lbs
AS341	P_5	Lbs	AS346	M_4	In-Lbs

RIGHT (+Y) FWD, INTR. FTG. CORNER PORTION

(FIGURE 4.10)

AS347	Q_1	Lbs/In	AS351	P_6	Lbs
AS348	P_1	Lbs	AS352	P_7	Lbs
AS349	P_2	Lbs	AS353	P_8	Lbs
AS350	P_5	Lbs	AS354	M_3	In-Lbs
			AS355	M_4	In-Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

A/S MID SECTION -X277 CANTED DECK

(FIGURE 4.11)

LEFT HAND SIDE			RIGHT HAND SIDE		
Load Symbol	Internal Load I.D.	Units	Load Symbol	Internal Load I.D.	Units
AS356	q_1	Lbs/In	AS357	q_2	Lbs/In

A/S MID SECTION -X253.5 DECK

(FIGURE 4.12)

LEFT HAND SIDE			RIGHT HAND SIDE		
AS358	q_1	Lbs/In	AS359	q_2	Lbs/In

A/S CABIN -X228 LONGERON - RH SIDE (+Y)

(FIGURE 4.13)

AS360	Q_1	Lbs/In	AS361	P_1	Lbs
			AS362	P_2	Lbs

A/S FUEL TANK SUPPORT STRUCTURE

(FIGURE 4.13)

AS363	P_4	Lbs	AS364	P_5	Lbs
			AS365	P_6	Lbs

A/S LEFT SIDE (-Y) IMU BEAM

(FIGURE 4.13)

AS366	q_1	Lbs/In	AS373	p_3	Lbs
AS367	q_2	Lbs/In	AS374	p_4	Lbs
AS368	q_3	Lbs/In	AS375	p_5	Lbs
AS369	q_4	Lbs/In	AS376	p_6	Lbs
AS370	q_5	Lbs/In	AS377	p_7	Lbs
AS371	p_1	Lbs	AS378	p_8	Lbs
AS372	p_2	Lbs	AS379	p_9	Lbs
			AS380	p_{10}	Lbs

A/S RIGHT SIDE (+Y) IMU BEAM

(FIGURE 4.13)

AS381	q_1	Lbs/In	AS388	p_3	Lbs
AS382	q_2	Lbs/In	AS389	p_4	Lbs
AS383	q_3	Lbs/In	AS390	p_5	Lbs
AS384	q_4	Lbs/In	AS391	p_6	Lbs
AS385	q_5	Lbs/In	AS392	p_7	Lbs
AS386	p_1	Lbs	AS393	p_8	Lbs
AS387	p_2	Lbs	AS394	p_9	Lbs
			AS395	p_{10}	Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

MID SECTION LEFT SIDE
(FIGURE 4.14)

Load Symbol	Internal Load I.D.	Units	Load Symbol	Internal Load I.D.	Units
AS396	P_{52}	Lbs	AS407	q_7	Lbs/In
AS397	P_{54}	Lbs	AS408	q_8	Lbs/In
AS398	P_{56}	Lbs	AS409	q_9	Lbs/In
AS399	P_{69}	Lbs	AS410	q_{10}	Lbs/In
AS400	P_{71}	Lbs	AS411	q_{11}	Lbs/In
AS401	P_{73}	Lbs	AS412	q_{12}	Lbs/In
AS402	P_{75}	Lbs	AS413	q_{64}	Lbs/In
AS403	q_3	Lbs/In	AS414	q_{65}	Lbs/In
AS404	q_4	Lbs/In	AS415	q_{67}	Lbs/In
AS405	q_5	Lbs/In	AS416	p_{58}	Lbs
AS406	q_6	Lbs/In	AS417	p_{77}	Lbs

MID SECTION RIGHT SIDE
(FIGURE 4.15)

AS418	P_{15}	Lbs	AS430	q_{14}	Lbs/In
AS419	P_{53}	Lbs	AS431	q_{16}	Lbs/In
AS420	P_{55}	Lbs	AS432	q_{17}	Lbs/In
AS421	P_{57}	Lbs	AS433	q_{18}	Lbs/In
AS422	P_{70}	Lbs	AS434	q_{19}	Lbs/In
AS423	P_{72}	Lbs	AS435	q_{20}	Lbs/In
AS424	P_{74}	Lbs	AS436	q_{21}	Lbs/In
AS425	P_{76}	Lbs	AS437	q_{64}	Lbs/In
AS426	q_3	Lbs/In	AS438	q_{66}	Lbs/In
AS427	q_{10}	Lbs/In	AS439	q_{68}	Lbs/In
AS428	q_{12}	Lbs/In	AS440	p_{59}	Lbs
AS429	q_{13}	Lbs/In	AS441	p_{78}	Lbs

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

Load Symbol	Internal Load Description	Units	Figure No.
DS1	Aft (-Z) Outrigger Right (+Y) Side Upper Tube Axial Load	Lbs	4.16
DS2	Aft (-Z) Outrigger Left (-Y) Side Upper Tube Axial Load	Lbs	4.16
DS3	Aft (-Z) Outrigger Right (+Y) Side Lower Tube Axial Load	Lbs	4.17
DS4	Aft (-Z) Outrigger Left (-Y) Side Lower Tube Axial Load	Lbs	4.17
DS5	Aft (-Z) Outrigger Bulkhead Right (+Y) Side Lower Cap Load	Lbs	4.17
DS6	Aft (-Z) Outrigger Bulkhead Left (-Y) Side Lower Cap Load	Lbs	4.17
DS7	Aft (-Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS8	Aft (-Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS9	Aft (-Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS10	Aft (-Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS11	Aft (-Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS12	Aft (-Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS13	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS14	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS15	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS16	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS17	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS18	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS19	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS20	Aft (-Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS21	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS22	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS23	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS24	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS25	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS26	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS27	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS28	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS29	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS30	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS31	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS32	Aft (-Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS33	Quadrant III Lower Diagonal Strap Axial Load	Lbs	4.17
DS34	Quadrant II Lower Diagonal Strap Axial Load	Lbs	4.17
DS35	Aft (-Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS36	Aft (-Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS37	Aft (-Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS38	Aft (-Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS39	Aft (-Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS40	Aft (-Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS41	Aft (-Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS42	Aft (-Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS43	Left (-Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS44	Left (-Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS45	Left (-Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS46	Left (-Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

Load Symbol	Internal Load Description	Units	Figure No.
DS47	Aft (-Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS48	Aft (-Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS49	Aft (-Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS50	Aft (-Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS51	Aft (-Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS52	Aft (-Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS53	Right (+Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS54	Right (+Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS55	Right (+Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS56	Right (+Y) Aft (-Z) Side Panel Shear Load	Lbs/In	4.18
DS57	Aft (-Z) Left (-Y) Interstage Structure Axial Load	Lbs	4.18
DS58	Aft (-Z) Left (-Y) Interstage Structure Axial Load	Lbs	4.18
DS59	Aft (-Z) Right (+Y) Interstage Structure Axial Load	Lbs	4.18
DS60	Aft (-Z) Right (+Y) Interstage Structure Axial Load	Lbs	4.18
DS61	Right (+Y) Outrigger Forward (+Z) Side Upper Tube Axial Load	Lbs	4.16
DS62	Right (+Y) Outrigger Aft (-Z) Side Upper Tube Axial Load	Lbs	4.16
DS63	Right (+Y) Outrigger Forward (+Z) Side Lower Tube Axial Load	Lbs	4.17
DS64	Right (+Y) Outrigger Aft (-Z) Side Lower Tube Axial Load	Lbs	4.17
DS65	Right (+Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS66	Right (+Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS68	Right (+Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS69	Right (+Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS70	Right (+Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS71	Right (+Y) Outrigger Bulkhead Forward (+Z) Side Lower Cap Load	Lbs	4.17
DS72	Right (+Y) Outrigger Bulkhead Aft (-Z) Side Lower Cap Load	Lbs	4.17
DS73	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS74	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS75	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS76	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS77	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS78	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS79	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS80	Right (+Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS81	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS82	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS83	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS84	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS85	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS86	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS87	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

Load Symbol	Internal Load Description	Units	Figure No.
DS88	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS89	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS90	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS91	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS92	Right (+Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS93	Right (+Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS94	Right (+Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS95	Right (+Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS96	Right (+Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS97	Right (+Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS98	Right (+Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS99	Left (-Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS100	Left (-Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS101	Left (-Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS102	Left (-Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS103	Left (-Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS104	Left (-Y) Engine Compartment Panel Shear Load	Lbs/In	4.19
DS105	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS106	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS107	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS108	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS109	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS110	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS111	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS112	Left (-Y) Upper Deck Shear Panel Load	Lbs/In	4.16
DS113	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS114	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS115	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS116	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS117	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS118	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS119	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS120	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS121	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS122	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS123	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS124	Left (-Y) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS125	Left (-Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS126	Left (-Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS127	Left (-Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS128	Left (-Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS129	Left (-Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18
DS130	Left (-Y) Outrigger Bulkhead Web Shear Load	Lbs/In	4.18

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

Load Symbol	Internal Load Description	Units	Figure No.
DS131	Left (-Y) Outrigger Bulkhead Aft (-Z) Side Lower Cap Load	Lbs	4.17
DS132	Left (-Y) Outrigger Bulkhead Forward (+Z) Side Lower Cap Load	Lbs	4.17
DS133	Left (-Y) Outrigger Aft (-Z) Side Upper Tube Axial Load	Lbs	4.16
DS134	Left (-Y) Outrigger Forward (+Z) Side Upper Tube Axial Load	Lbs	4.16
DS135	Left (-Y) Outrigger Aft (-Z) Side Lower Tube Axial Load	Lbs	4.17
DS136	Left (-Y) Outrigger Forward (+Z) Side Lower Tube Axial Load	Lbs	4.17
DS137	Left (-Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS138	Left (-Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS139	Left (-Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS140	Left (-Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS141	Forward (+Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS142	Forward (+Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS143	Forward (+Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS144	Forward (+Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS145	Forward (+Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS146	Forward (+Z) Engine Compartment Panel Shear Load	Lbs/In	4.18
DS147	Right (+Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS148	Right (+Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS149	Right (+Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS150	Right (+Y) Forward (+Z) Side Panel Shear Load	Lbs/In	4.18
DS151	Left (-Y) Forward (+Z) Side Panel Upper Cap Load	Lbs	4.16
DS152	Left (-Y) Forward (+Z) Side Panel Upper Cap Load	Lbs	4.16
DS153	Right (+Y)Forward (+Z) Side Panel Upper Cap Load	Lbs	4.16
DS154	Right (+Y) Forward (+Z) Side Panel Upper Cap Load	Lbs	4.16
DS155	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS156	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS157	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS158	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS159	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS160	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS161	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS162	Forward (+Z) Upper Deck Shear Panel Load	Lbs/In	4.16
DS163	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS164	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS165	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS166	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS167	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS168	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS169	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

Load Symbol	Internal Load Description	Units	Figure No.
DS170	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS171	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS172	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS173	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS174	Forward (+Z) Propellant Tank Support Structure Shear Panel Load	Lbs/In	4.17
DS175	Forward (+Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS176	Forward (+Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS177	Forward (+Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS178	Forward (+Z) Left (-Y) Side Panel Shear Load	Lbs/In	4.19
DS179	Forward (+Z) Left (-Y) Side Panel Upper Cap Load	Lbs	4.16
DS180	Forward (+Z) Left (-Y) Side Panel Upper Cap Load	Lbs	4.16
DS181	Forward (+Z) Left (-Y) Side Panel Upper Cap Load	Lbs	4.16
DS182	Forward (+Z) Left (-Y) Side Panel Upper Cap Load	Lbs	4.16
DS183	Forward (+Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS184	Forward (+Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS185	Forward (+Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS186	Forward (+Z) Right (+Y) Side Panel Shear Load	Lbs/In	4.19
DS187	Forward (+Z) Right (+Y) Side Panel Upper Cap Load	Lbs	4.16
DS188	Forward (+Z) Right (+Y) Side Panel Upper Cap Load	Lbs	4.16
DS189	Forward (+Z) Right (+Y) Side Panel Upper Cap Load	Lbs	4.16
DS190	Forward (+Z) Right (+Y) Side Panel Upper Cap Load	Lbs	4.16
DS191	Forward (+Z) Left (-Y) Interstage Structure Axial Load	Lbs	4.16
DS192	Forward (+Z) Left (-Y) Interstage Structure Axial Load	Lbs	4.16
DS193	Forward (+Z) Left (-Y) Interstage Structure Axial Load	Lbs	4.16
DS194	Forward (+Z) Right (+Y) Interstage Structure Axial Load	Lbs	4.16
DS195	Forward (+Z) Right (+Y) Interstage Structure Axial Load	Lbs	4.16
DS196	Forward (+Z) Right (+Y) Interstage Structure Axial Load	Lbs	4.16
DS197	Forward (+Z) Left (-Y) Interstage Structure Axial Load	Lbs	4.16
DS198	Forward (+Z) Right (+Y) Interstage Structure Axial Load	Lbs	4.16
DS199	Quadrant IV Lower Diagonal Strap Axial Load	Lbs	4.17
DS200	Quadrant I Lower Diagonal Strap Axial Load	Lbs	4.17
DS201	Forward (+Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS202	Forward (+Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS203	Forward (+Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS204	Forward (+Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS205	Forward (+Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS206	Forward (+Z) Outrigger Bulkhead Web Shear Load	Lbs/In	4.19
DS207	Forward (+Z) Outrigger Bulkhead Left (-Y) Side Lower Cap Load	Lbs	4.17
DS208	Forward (+Z) Outrigger Bulkhead Left (-Y) Side Lower Cap Load	Lbs	4.17

TABLE 4.3 LM-10 INTERNAL LOAD SYMBOLS (CONTINUED)

Load Symbol	Internal Load Description	Units	Figure No.
DS209	Forward (+Z) Outrigger Left (-Y) Side Upper Tube Axial Load	Lbs	4.16
DS210	Forward (+Z) Outrigger Right (+Y) Side Upper Tube Axial Load	Lbs	4.16
DS211	Forward (+Z) Outrigger Left (-Y) Side Lower Tube Axial Load	Lbs	4.17
DS212	Forward (+Z) Outrigger Right (+Y) Side Lower Tube Axial Load	Lbs	4.17

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS

LOAD	TITLE	PROBABILITY	CASE	VALUE	TIME
AS	1+	.99597800+00	81	.39527209+03	.40429646+00
AS	1-	.99597800+00	16	-.46215182+03	.25349952+00
AS	2+	.99597800+00	81	.55316261+03	.40429646+00
AS	2-	.99597800+00	16	-.79229422+03	.25349952+00
AS	3+	.99597800+00	83	.47777402+03	.42669600+00
AS	3-	.99597800+00	8	-.10337247+04	.15819975+00
AS	4+	.99597800+00	10	.27697432+03	.63568670+00
AS	4-	.99597800+00	73	-.10199636+04	.25679946+00
AS	5+	.99597800+00	8	.24931838+03	.59978877+00
AS	5-	.99597800+00	66	-.10071151+04	.45419544+00
AS	6+	.99597800+00	8	.27042516+03	.59978877+00
AS	6-	.99597800+00	8	-.11481846+04	.34859759+00
AS	7+	.99597800+00	87	.13460076+04	.63838655+00
AS	7-	.99597800+00	44	-.13518773+04	.82952540+00
AS	8+	.99597800+00	89	.18072389+04	.11161746+01
AS	8-	.99597800+00	10	-.18347410+04	.67213709+00
AS	9+	.99597800+00	89	.15119447+04	.11161746+01
AS	9-	.99597800+00	8	-.17986472+04	.15489976+00
AS	10+	.99597800+00	40	.10640761+04	.60378854+00
AS	10-	.99597800+00	43	-.16825774+04	.30869840+00
AS	11+	.99597800+00	12	.15300118+04	.10549627+01
AS	11-	.99597800+00	64	-.18862589+04	.57849000+00
AS	12+	.99597800+00	12	.34820519+04	.10537986+01
AS	12-	.99597800+00	64	-.42271025+04	.57849000+00
AS	13+	.99597800+00	87	.17435847+04	.63838655+00
AS	13-	.99597800+00	44	-.17490433+04	.82952540+00
AS	14+	.99597800+00	44	.11001349+04	.82952540+00
AS	14-	.99597800+00	87	-.10951482+04	.63838655+00
AS	15+	.99597800+00	12	.16343740+04	.10537986+01
AS	15-	.99597800+00	86	-.17319518+04	.10802037+01
AS	16+	.99597800+00	81	.21235090+04	.43399585+00
AS	16-	.99597800+00	86	-.14576376+04	.28259893+00
AS	17+	.99597800+00	87	.10952825+04	.63838655+00
AS	17-	.99597800+00	44	-.11004454+04	.82952540+00
AS	18+	.99597800+00	89	.62453993+04	.11161746+01
AS	18-	.99597800+00	44	-.59498291+04	.83385444+00
AS	19+	.99597800+00	88	.17667596+04	.11161746+01
AS	19-	.99597800+00	44	-.16846797+04	.63385444+00
AS	20+	.99597800+00	88	.59918620+04	.11161746+01
AS	20-	.99597800+00	44	-.57063191+04	.83385444+00
AS	21+	.99597800+00	81	.87571047+03	.40759639+00
AS	21-	.99597800+00	8	-.97394038+03	.14939976+00
AS	22+	.99597800+00	52	.26754305+04	.72179765+00
AS	22-	.99597800+00	86	-.29971172+04	.10791137+01
AS	23+	.99597800+00	12	.54091778+04	.10537986+01
AS	23-	.99597800+00	86	-.58796819+04	.10802037+01
AS	24+	.99597800+00	64	.11411885+04	.34979757+00
AS	24-	.99597800+00	43	-.13037887+04	.30539847+00
AS	25+	.99597800+00	88	.12617521+05	.11161746+01
AS	25-	.99597800+00	8	-.12310098+05	.15269976+00
AS	26+	.99597800+00	81	.32191612+03	.40429646+00
AS	26-	.99597800+00	16	-.47128126+03	.25349952+00
AS	27+	.99597800+00	81	.54737393+04	.68427239+00
AS	27-	.99597800+00	96	-.63212672+04	.47049511+00
AS	28+	.99597800+00	38	.33900634+04	.61188807+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD	TITLE	PROBABILITY	CASE	VALUE	TIME
AS	28-	.99597800+00	37	-.53878414+04	.31949818+00
AS	29+	.99597800+00	83	.47483547+03	.42559602+00
AS	29-	.99597800+00	16	-.80772705+03	.25349952+00
AS	30+	.99597800+00	10	.90631700+04	.63788658+00
AS	30-	.99597800+00	81	-.99344995+04	.88427239+00
AS	31+	.99597800+00	37	.72755760+04	.32059816+00
AS	31-	.99597800+00	38	-.36490739+04	.61188807+00
AS	32+	.99597800+00	83	.47103639+03	.42559602+00
AS	32-	.99597800+00	16	-.10366111+04	.25349952+00
AS	33+	.99597800+00	79	.39663661+04	.51879343+00
AS	33-	.99597800+00	86	-.38747635+04	.53269263+00
AS	34+	.99597800+00	44	.68893735+04	.83056837+00
AS	34-	.99597800+00	64	-.74453655+04	.57849000+00
AS	35+	.99597800+00	10	.26388985+03	.63568670+00
AS	35-	.99597800+00	73	-.10170396+04	.25679946+00
AS	36+	.99597800+00	12	.75808351+04	.10549627+01
AS	36-	.99597800+00	86	-.85379423+04	.10780290+01
AS	37+	.99597800+00	87	.93811813+04	.63068699+00
AS	37-	.99597800+00	10	-.91100939+04	.69983665+00
AS	38+	.99597800+00	81	.13837685+04	.67308455+00
AS	38-	.99597800+00	73	-.24005576+04	.25789943+00
AS	39+	.99597800+00	69	.26115377+03	.46449523+00
AS	39-	.99597800+00	8	-.11011469+04	.34859759+00
AS	40+	.99597800+00	44	.98667899+03	.83056837+00
AS	40-	.99597800+00	64	-.10737395+04	.57849000+00
AS	41+	.99597800+00	44	.12909454+04	.83385444+00
AS	41-	.99597800+00	64	-.13985485+04	.57849000+00
AS	42+	.99597800+00	44	.91952005+03	.83385444+00
AS	42-	.99597800+00	44	-.10714251+04	.41439625+00
AS	43+	.99597800+00	12	.13447245+04	.67218460+00
AS	43-	.99597800+00	64	-.17411787+04	.45796226+00
AS	44+	.99597800+00	64	.16269405+04	.58288974+00
AS	44-	.99597800+00	71	-.15641687+04	.87987264+00
AS	45+	.99597800+00	64	.36366194+04	.58288974+00
AS	45-	.99597800+00	81	-.34969372+04	.87987264+00
AS	46+	.99597800+00	44	.12769597+04	.83056837+00
AS	46-	.99597800+00	64	-.13894337+04	.57849000+00
AS	47+	.99597800+00	64	.87867890+03	.57849000+00
AS	47-	.99597800+00	44	-.80392612+03	.83056837+00
AS	48+	.99597800+00	86	.14969644+04	.10769496+01
AS	48-	.99597800+00	81	-.14076133+04	.87987264+00
AS	49+	.99597800+00	8	.14092798+04	.15159976+00
AS	49-	.99597800+00	81	-.18939003+04	.43179590+00
AS	50+	.99597800+00	44	.80375680+03	.83056837+00
AS	50-	.99597800+00	64	-.87842555+03	.57849000+00
AS	51+	.99597800+00	44	.94378129+04	.83385444+00
AS	51-	.99597800+00	64	-.94359997+04	.57849000+00
AS	52+	.99597800+00	44	.13101335+04	.83385444+00
AS	52-	.99597800+00	64	-.12307445+04	.57849000+00
AS	53+	.99597800+00	44	.94998008+04	.83385444+00
AS	53-	.99597800+00	64	-.41888862+04	.57849000+00
AS	54+	.99597800+00	8	.53871745+03	.14029976+00
AS	54-	.99597800+00	37	-.92745708+03	.32059816+00
AS	55+	.99597800+00	64	.28074522+04	.58288974+00
AS	55-	.99597800+00	37	-.27609814+04	.93676844+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD	TITLE	PROBABILITY	CASE	VALUE	TIME
AS	56+	.99597800+00	86	.47978912+04	.10769496+01
AS	56-	.99597800+00	81	-.47287838+04	.87987264+00
AS	57+	.99597800+00	83	.86123651+03	.93866926+00
AS	57-	.99597800+00	37	-.16573960+04	.31949818+00
AS	58+	.99597800+00	44	.94924371+04	.83385444+00
AS	58-	.99597800+00	37	-.92873722+04	.40199650+00
AS	59+	.99597800+00	44	.14140775+05	.83385444+00
AS	59-	.99597800+00	94	-.18134551+05	.41439625+00
AS	60+	.99597800+00	65	.11478281+05	.58178981+00
AS	60-	.99597800+00	81	-.10465795+05	.87987264+00
AS	61+	.99597800+00	94	.57808051+04	.41439625+00
AS	61-	.99597800+00	44	-.38922696+04	.83385444+00
AS	62+	.99597800+00	44	.36841265+04	.83385444+00
AS	62-	.99597800+00	94	-.42493829+04	.41329627+00
AS	63+	.99597800+00	18	.48656202+04	.39989655+00
AS	63-	.99597800+00	10	-.28905887+04	.63678664+00
AS	64+	.99597800+00	38	.22057596+04	.64378624+00
AS	64-	.99597800+00	81	-.21691643+04	.48679478+00
AS	65+	.99597800+00	88	.15407942+05	.11161746+01
AS	65-	.99597800+00	8	-.19420508+05	.15269976+00
AS	66+	.99597800+00	52	.99602794+04	.72179765+00
AS	66-	.99597800+00	86	-.11521491+05	.10780290+01
AS	67+	.99597800+00	73	.76718581+03	.53843343+00
AS	67-	.99597800+00	73	-.17677058+04	.25899941+00
AS	68+	.99597800+00	73	.21155707+04	.25899941+00
AS	68-	.99597800+00	73	-.92245640+03	.53739292+00
AS	69+	.99597800+00	8	.71603800+03	.19359977+00
AS	69-	.99597800+00	81	-.85328484+03	.40869637+00
AS	70+	.99597800+00	38	.75539037+03	.13309979+00
AS	70-	.99597800+00	43	-.84520230+03	.30429649+00
AS	71+	.99597800+00	73	.21238256+04	.25899941+00
AS	71-	.99597800+00	73	-.94479854+03	.53739292+00
AS	72+	.99597800+00	73	.78757445+03	.53739292+00
AS	72-	.99597800+00	73	-.17753748+04	.25899941+00
AS	73+	.99597800+00	96	.12830831+03	.47379505+00
AS	73-	.99597800+00	81	-.22315496+03	.40869637+00
AS	74+	.99597800+00	93	.13086679+04	.30539847+00
AS	74-	.99597800+00	68	-.14570560+04	.34539765+00
AS	75+	.99597800+00	37	.13617048+04	.93676989+00
AS	75-	.99597800+00	93	-.15927361+04	.30539847+00
AS	76+	.99597800+00	93	.14037967+03	.11829962+00
AS	76-	.99597800+00	93	-.22389234+03	.29549867+00
AS	77+	.99597800+00	64	.47433998+02	.57079099+00
AS	77-	.99597800+00	86	-.49066664+02	.53709238+00
AS	78+	.99597800+00	64	.47433998+02	.57079099+00
AS	78-	.99597800+00	86	-.49066664+02	.53709238+00
AS	79+	.99597800+00	96	.23021136+03	.47379505+00
AS	79-	.99597800+00	81	-.20580569+03	.40869637+00
AS	80+	.99597800+00	64	.77671583+02	.33989777+00
AS	80-	.99597800+00	38	-.81667235+02	.60966820+00
AS	81+	.99597800+00	8	.68990796+02	.23299962+00
AS	81-	.99597800+00	86	-.48782207+02	.24039878+00
AS	82+	.99597800+00	86	.22349862+03	.53599244+00
AS	82-	.99597800+00	96	-.24064038+03	.47219967+00
AS	83+	.99597800+00	86	.11491199+03	.53489251+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 83-	.99597800+00	96	-.13491002+03	.49329465+00
AS 84+	.99597800+00	96	.16014027+03	.47569501+00
AS 84-	.99597800+00	86	-.18052184+03	.53819232+00
AS 85+	.99597800+00	79	.95156816+02	.51659356+00
AS 85-	.99597800+00	12	-.84467791+02	.10661846+01
AS 86+	.99597800+00	64	.14629123+03	.56199095+00
AS 86-	.99597800+00	86	-.12034115+03	.53489251+00
AS 87+	.99597800+00	18	.11960139+03	.39989655+00
AS 87-	.99597800+00	10	-.78263282+03	.63568670+00
AS 88+	.99597800+00	81	.11276989+03	.48129489+00
AS 88-	.99597800+00	10	-.85683494+02	.63458677+00
AS 89+	.99597800+00	10	.78880092+02	.64998588+00
AS 89-	.99597800+00	8	-.10237703+03	.15489976+00
AS 90+	.99597800+00	10	.91113850+02	.64338626+00
AS 90-	.99597800+00	8	-.71627772+02	.15929975+00
AS 91+	.99597800+00	40	.65033938+02	.60378854+00
AS 91-	.99597800+00	43	-.79749583+02	.30979838+00
AS 92+	.99597800+00	87	.11647033+03	.62788715+00
AS 92-	.99597800+00	10	-.98109059+02	.69763678+00
AS 93+	.99597800+00	64	.47433998+02	.57079044+00
AS 93-	.99597800+00	86	-.49066669+02	.53709238+00
AS 94+	.99597800+00	10	.10908113+03	.58608956+00
AS 94-	.99597800+00	8	-.19350162+03	.34969757+00
AS 95+	.99597800+00	23	.76407732+03	.32819800+00
AS 95-	.99597800+00	40	-.78423138+03	.61038816+00
AS 96+	.99597800+00	23	.98425655+03	.32819800+00
AS 96-	.99597800+00	40	-.10107041+04	.61038816+00
AS 97+	.99597800+00	40	.63755670+03	.61038816+00
AS 97-	.99597800+00	23	-.92080204+03	.32819800+00
AS 98+	.99597800+00	86	.14148478+04	.53709238+00
AS 98-	.99597800+00	64	-.14908715+04	.56969050+00
AS 99+	.99597800+00	8	.51607462+03	.23299962+00
AS 99-	.99597800+00	86	-.53848659+03	.28039898+00
AS 100+	.99597800+00	96	.13881512+04	.47379505+00
AS 100-	.99597800+00	81	-.13267030+04	.88867214+00
AS 101+	.99597800+00	86	.23640431+04	.53709238+00
AS 101-	.99597800+00	96	-.22801996+04	.47569501+00
AS 102+	.99597800+00	38	.13313979+04	.13419979+00
AS 102-	.99597800+00	86	-.17697114+04	.28479889+00
AS 103+	.99597800+00	96	.88235397+03	.47159509+00
AS 103-	.99597800+00	86	-.90931612+03	.27099918+00
AS 104+	.99597800+00	23	.98425655+03	.32819800+00
AS 104-	.99597800+00	40	-.10107041+04	.61038816+00
AS 105+	.99597800+00	8	.51607462+03	.23299962+00
AS 105-	.99597800+00	86	-.53848659+03	.28039898+00
AS 106+	.99597800+00	86	.10101705+04	.53819232+00
AS 106-	.99597800+00	96	-.11046982+04	.47379505+00
AS 107+	.99597800+00	96	.98793494+03	.47379505+00
AS 107-	.99597800+00	86	-.10230433+04	.53819232+00
AS 108+	.99597800+00	96	.98680159+03	.47379505+00
AS 108-	.99597800+00	86	-.10210276+04	.53819232+00
AS 109+	.99597800+00	96	.24543542+04	.47269507+00
AS 109-	.99597800+00	81	-.21196438+04	.86977207+00
AS 110+	.99597800+00	43	.56290970+03	.30539847+00
AS 110-	.99597800+00	81	-.49166940+03	.44169570+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 111+	.99597800+00	96	.31307415+04	.47379505+00
AS 111-	.99597800+00	81	-.25751267+04	.88647226+00
AS 112+	.99597800+00	86	.26921046+04	.53599244+00
AS 112-	.99597800+00	86	-.24899974+04	.10748062+01
AS 113+	.99597800+00	29	.37134545+04	.11491757+01
AS 113-	.99597800+00	94	-.34876420+04	.83500946+00
AS 114+	.99597800+00	81	.12649131+04	.47579500+00
AS 114-	.99597800+00	96	-.13524021+04	.49549460+00
AS 115+	.99597800+00	96	.41604561+04	.47459503+00
AS 115-	.99597800+00	94	-.38882932+04	.83619861+00
AS 116+	.99597800+00	44	.22628785+04	.84101958+00
AS 116-	.99597800+00	8	-.22143439+04	.34859759+00
AS 117+	.99597800+00	86	.68880925+04	.53599244+00
AS 117-	.99597800+00	96	-.66291044+04	.49219467+00
AS 118+	.99597800+00	86	.74656451+04	.53599244+00
AS 118-	.99597800+00	96	-.66937234+04	.49219467+00
AS 119+	.99597800+00	64	.43950815+04	.57189038+00
AS 119-	.99597800+00	86	-.48726121+04	.53709238+00
AS 120+	.99597800+00	94	.20442003+04	.41439625+00
AS 120-	.99597800+00	8	-.75294694+03	.14249978+00
AS 121+	.99597800+00	86	.48440266+04	.53709238+00
AS 121-	.99597800+00	12	-.38586775+04	.67658435+00
AS 122+	.99597800+00	12	.44191885+04	.67658435+00
AS 122-	.99597800+00	86	-.49955829+04	.53709238+00
AS 123+	.99597800+00	43	.61009996+03	.83864759+00
AS 123-	.99597800+00	73	-.91222839+03	.87190247+00
AS 124+	.99597800+00	86	.41152908+04	.53819232+00
AS 124-	.99597800+00	96	-.40058448+04	.47379505+00
AS 125+	.99597800+00	92	.20699360+04	.55949109+00
AS 125-	.99597800+00	73	-.18140780+04	.87708551+00
AS 126+	.99597800+00	43	.20077417+04	.40769639+00
AS 126-	.99597800+00	73	-.16602627+04	.87708551+00
AS 127+	.99597800+00	86	.25393019+04	.59149213+00
AS 127-	.99597800+00	54	-.21840672+04	.61148810+00
AS 128+	.99597800+00	86	.24989166+04	.53709238+00
AS 128-	.99597800+00	79	-.25969315+04	.51769350+00
AS 129+	.99597800+00	89	.13893408+04	.69828598+00
AS 129-	.99597800+00	73	-.10257931+04	.86756535+00
AS 130+	.99597800+00	86	.30056458+04	.53709238+00
AS 130-	.99597800+00	79	-.30235807+04	.51769350+00
AS 131+	.99597800+00	87	.27530929+04	.69278629+00
AS 131-	.99597800+00	43	-.19212696+04	.11939982+00
AS 132+	.99597800+00	10	.26633683+04	.63958677+00
AS 132-	.99597800+00	81	-.26271070+04	.87937296+00
AS 133+	.99597800+00	10	.41116343+04	.63568670+00
AS 133-	.99597800+00	81	-.42273196+04	.87937296+00
AS 134+	.99597800+00	18	.62125566+04	.39989655+00
AS 134-	.99597800+00	10	-.41879886+04	.63678669+00
AS 135+	.99597800+00	43	.43126423+04	.31199833+00
AS 135-	.99597800+00	10	-.20911578+04	.63678669+00
AS 136+	.99597800+00	18	.31062697+04	.39989655+00
AS 136-	.99597800+00	10	-.20660851+04	.63678669+00
AS 137+	.99597800+00	86	.11302138+04	.10997822+01
AS 137-	.99597800+00	86	-.23517631+04	.34899756+00
AS 138+	.99597800+00	10	.82149084+03	.69643670+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 138+	.99597800+00	54	-.73166841+03	.63238689+00
AS 139+	.99597800+00	15	.22247180+04	.22739963+00
AS 139-	.99597800+00	88	[illegible]	[illegible]
AS 140+	.99597800+00	43	.19978770+04	.30869840+00
AS 140-	.99597800+00	86	-.16549240+04	.53819232+00
AS 141+	.99597800+00	10	.12034672+04	.69763678+00
AS 141-	.99597800+00	87	-.14179181+04	.62788715+00
AS 142+	.99597800+00	86	.91473694+03	.53599244+00
AS 142-	.99597800+00	64	-.99626947+03	.57189038+00
AS 143+	.99597800+00	8	.11391832+04	.14939976+00
AS 143-	.99597800+00	88	-.10915006+04	.10945532+01
AS 144+	.99597800+00	86	.53977643+03	.53709238+00
AS 144-	.99597800+00	96	-.60982272+03	.49439463+00
AS 145+	.99597800+00	64	.20413050+04	.56969050+00
AS 145-	.99597800+00	86	-.20167761+04	.53599244+00
AS 146+	.99597800+00	10	.66252664+03	.69873671+00
AS 146-	.99597800+00	87	-.81182624+03	.62788715+00
AS 147+	.99597800+00	8	.36213612+03	.16589974+00
AS 147-	.99597800+00	81	-.33759293+03	.47909494+00
AS 148+	.99597800+00	64	.13507762+04	.56969050+00
AS 148-	.99597800+00	86	-.13970419+04	.53709238+00
AS 149+	.99597800+00	96	.13631797+04	.47379505+00
AS 149-	.99597800+00	81	-.12845996+04	.40759639+00
AS 150+	.99597800+00	86	.91473694+03	.53599244+00
AS 150-	.99597800+00	64	-.99626947+03	.57189038+00
AS 151+	.99597800+00	64	.77518156+03	.56969050+00
AS 151-	.99597800+00	86	-.67502069+03	.53599244+00
AS 152+	.99597800+00	73	.38135131+03	.87273303+00
AS 152-	.99597800+00	92	-.27929983+03	.55949109+00
AS 153+	.99597800+00	86	.18402203+04	.53709238+00
AS 153-	.99597800+00	96	-.11292142+04	.49439463+00
AS 154+	.99597800+00	86	.10402203+04	.53709238+00
AS 154-	.99597800+00	96	-.11292142+04	.49439463+00
AS 155+	.99597800+00	96	.71829215+03	.49439463+00
AS 155-	.99597800+00	86	-.65940893+03	.53709238+00
AS 156+	.99597800+00	86	.80803808+03	.53709238+00
AS 156-	.99597800+00	96	-.87645586+03	.49439463+00
AS 157+	.99597800+00	81	.85327701+03	.40759639+00
AS 157-	.99597800+00	73	-.94879399+03	.87708551+00
AS 158+	.99597800+00	73	.11579053+02	.87190247+00
AS 158-	.99597800+00	93	-.12901531+02	.40879637+00
AS 159+	.99597800+00	73	.11579053+02	.87190247+00
AS 159-	.99597800+00	93	-.12901531+02	.40879637+00
AS 160+	.99597800+00	73	.11579053+02	.87190247+00
AS 160-	.99597800+00	93	-.12901531+02	.40879637+00
AS 161+	.99597800+00	73	.11579053+02	.87190247+00
AS 161-	.99597800+00	93	-.12901531+02	.40879637+00
AS 162+	.99597800+00	73	.13047801+02	.87190247+00
AS 162-	.99597800+00	93	-.14583180+02	.40879637+00
AS 163+	.99597800+00	73	.16727139+02	.87190247+00
AS 163-	.99597800+00	93	-.16979053+02	.40879637+00
AS 164+	.99597800+00	73	.24936966+02	.87190247+00
AS 164-	.99597800+00	86	-.16934091+02	.26829922+00
AS 165+	.99597800+00	73	.28520717+02	.87190247+00
AS 165-	.99597800+00	86	-.21519179+02	.26829922+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 166+	.99597800+00	73	.28520717+02	.87190247+00
AS 166-	.99597800+00	86	-.21519179+02	.26829922+00
AS 167+	.99597800+00	73	.28520717+02	.87190247+00
AS 167-	.99597800+00	86	-.21519179+02	.26829922+00
AS 168+	.99597800+00	73	.34306797+02	.87190247+00
AS 168-	.99597800+00	86	-.25925421+02	.26829922+00
AS 169+	.99597800+00	73	.41744627+02	.87190247+00
AS 169-	.99597800+00	86	-.31515791+02	.26829922+00
AS 170+	.99597800+00	73	.52521084+02	.87190247+00
AS 170-	.99597800+00	86	-.39640566+02	.26829922+00
AS 171+	.99597800+00	73	.75873041+02	.87486779+00
AS 171-	.99597800+00	83	-.45520299+02	.41899616+00
AS 172+	.99597800+00	73	.10812969+03	.87486779+00
AS 172-	.99597800+00	83	-.64967048+02	.41899616+00
AS 173+	.99597800+00	73	.97651457+02	.87486779+00
AS 173-	.99597800+00	83	-.58403881+02	.41899616+00
AS 174+	.99597800+00	73	.33133321+03	.87486779+00
AS 174-	.99597800+00	83	-.19834684+03	.41899616+00
AS 175+	.99597800+00	73	.27316050+03	.87486779+00
AS 175-	.99597800+00	83	-.16363968+03	.41899616+00
AS 176+	.99597800+00	38	.15142003+03	.60858826+00
AS 176-	.99597800+00	43	-.23247090+03	.11719982+00
AS 177+	.99597800+00	38	.15142003+03	.60858826+00
AS 177-	.99597800+00	43	-.23247090+03	.11719982+00
AS 178+	.99597800+00	38	.38988839+03	.60858826+00
AS 178-	.99597800+00	43	-.59685023+03	.11719982+00
AS 179+	.99597800+00	38	.38988839+03	.60858826+00
AS 179-	.99597800+00	43	-.59685023+03	.11719982+00
AS 180+	.99597800+00	38	.65474713+03	.60858826+00
AS 180-	.99597800+00	43	-.91715679+03	.11719982+00
AS 181+	.99597800+00	38	.65474713+03	.60858826+00
AS 181-	.99597800+00	43	-.91715679+03	.11719982+00
AS 182+	.99597800+00	38	.10009785+04	.60968820+00
AS 182-	.99597800+00	38	-.13517719+04	.13919979+00
AS 183+	.99597800+00	38	.10009785+04	.60968820+00
AS 183-	.99597800+00	38	-.13517719+04	.13919979+00
AS 184+	.99597800+00	43	.12985084+04	.30539847+00
AS 184-	.99597800+00	64	-.16178161+04	.39539765+00
AS 185+	.99597800+00	43	.12985084+04	.30539847+00
AS 185-	.99597800+00	64	-.16178161+04	.39539765+00
AS 186+	.99597800+00	23	.14688205+04	.35239751+00
AS 186-	.99597800+00	81	-.18315813+04	.47909999+00
AS 187+	.99597800+00	73	.82149177+03	.87486779+00
AS 187-	.99597800+00	83	-.98197068+03	.41899616+00
AS 188+	.99597800+00	73	.82149177+03	.87486779+00
AS 188-	.99597800+00	83	-.98197068+03	.41899616+00
AS 189+	.99597800+00	73	.19995876+04	.87486779+00
AS 189-	.99597800+00	83	-.11604981+04	.41899616+00
AS 190+	.99597800+00	73	.19995876+04	.87486779+00
AS 190-	.99597800+00	83	-.11604981+04	.41899616+00
AS 191+	.99597800+00	73	.26148962+04	.87486779+00
AS 191-	.99597800+00	83	-.16518951+04	.41899616+00
AS 192+	.99597800+00	73	.26148962+04	.87486779+00
AS 192-	.99597800+00	83	-.16518951+04	.41899616+00
AS 193+	.99597800+00	73	.28702600+04	.87378999+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 193-	.99597800+00	83	-.18410410+04	.41899616+00
AS 194+	.99597800+00	73	.28702600+04	.87378999+00
AS 194-	.99597800+00	83	-.18410410+04	.41899616+00
AS 195+	.99597800+00	73	.29894832+04	.87273303+00
AS 195-	.99597800+00	43	-.19679997+04	.83864759+00
AS 196+	.99597800+00	73	.31570236+02	.87088288+00
AS 196-	.99597800+00	86	-.35987140+02	.26829922+00
AS 197+	.99597800+00	43	.66428511+02	.40879637+00
AS 197-	.99597800+00	73	-.59695273+02	.87190247+00
AS 198+	.99597800+00	43	.11218245+02	.11719982+00
AS 198-	.99597800+00	86	-.13748745+02	.26939920+00
AS 199+	.99597800+00	43	.11218245+02	.11719982+00
AS 199-	.99597800+00	86	-.13748745+02	.26939920+00
AS 200+	.99597800+00	43	.42310088+03	.83864759+00
AS 200-	.99597800+00	73	-.62625242+03	.87190247+00
AS 201+	.99597800+00	43	.42310088+03	.83864759+00
AS 201-	.99597800+00	73	-.62625242+03	.87190247+00
AS 202+	.99597800+00	43	.57631969+03	.83864759+00
AS 202-	.99597800+00	73	-.86455305+03	.87190247+00
AS 203+	.99597800+00	81	.99209679+01	.18259971+00
AS 203-	.99597800+00	64	-.18383706+02	.55539133+00
AS 204+	.99597800+00	81	.99209679+01	.18259971+00
AS 204-	.99597800+00	64	-.18383706+02	.55539133+00
AS 205+	.99597800+00	81	.99209679+01	.18259971+00
AS 205-	.99597800+00	64	-.18383706+02	.55539133+00
AS 206+	.99597800+00	81	.99209679+01	.18259971+00
AS 206-	.99597800+00	64	-.18383706+02	.55539133+00
AS 207+	.99597800+00	73	.11452285+02	.87708551+00
AS 207-	.99597800+00	64	-.21068589+02	.55539133+00
AS 208+	.99597800+00	73	.12891123+02	.87708551+00
AS 208-	.99597800+00	64	-.23690227+02	.55539133+00
AS 209+	.99597800+00	73	.23925114+02	.87708551+00
AS 209-	.99597800+00	64	-.27553588+02	.55539133+00
AS 210+	.99597800+00	73	.27350717+02	.87708551+00
AS 210-	.99597800+00	64	-.32171316+02	.55539133+00
AS 211+	.99597800+00	73	.27350717+02	.87708551+00
AS 211-	.99597800+00	64	-.32171316+02	.55539133+00
AS 212+	.99597800+00	73	.27350717+02	.87708551+00
AS 212-	.99597800+00	64	-.32171316+02	.55539133+00
AS 213+	.99597800+00	73	.33016899+02	.87708551+00
AS 213-	.99597800+00	64	-.38837025+02	.55539133+00
AS 214+	.99597800+00	73	.40146998+02	.87708551+00
AS 214-	.99597800+00	64	-.47227595+02	.55539133+00
AS 215+	.99597800+00	73	.50376935+02	.87708551+00
AS 215-	.99597800+00	64	-.59321404+02	.55539133+00
AS 216+	.99597800+00	73	.74301220+02	.87378999+00
AS 216-	.99597800+00	64	-.71315104+02	.55539133+00
AS 217+	.99597800+00	73	.10575756+03	.87378999+00
AS 217-	.99597800+00	64	-.10148436+03	.55539133+00
AS 218+	.99597800+00	73	.94619622+02	.87378999+00
AS 218-	.99597800+00	64	-.91381875+02	.55539133+00
AS 219+	.99597800+00	73	.31787025+03	.87378999+00
AS 219-	.99597800+00	64	-.30708788+03	.55539133+00
AS 220+	.99597800+00	73	.26380000+03	.87378999+00
AS 220-	.99597800+00	64	-.25347288+03	.55539133+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 221+	.99597800+00	81	.19678315+03	.40649641+00
AS 221-	.99597800+00	8	-.20802048+03	.14829977+00
AS 222+	.99597800+00	81	.19678315+03	.40649641+00
AS 222-	.99597800+00	8	-.20802048+03	.14829977+00
AS 223+	.99597800+00	81	.49568084+03	.40759639+00
AS 223-	.99597800+00	8	-.53627798+03	.14829977+00
AS 224+	.99597800+00	81	.49568084+03	.40759639+00
AS 224-	.99597800+00	8	-.53627798+03	.14829977+00
AS 225+	.99597800+00	81	.81793620+03	.40759639+00
AS 225-	.99597800+00	8	-.85830229+03	.14359977+00
AS 226+	.99597800+00	81	.81793620+03	.40759639+00
AS 226-	.99597800+00	8	-.85830229+03	.14359977+00
AS 227+	.99597800+00	81	.11210658+04	.40759639+00
AS 227-	.99597800+00	43	-.12561546+04	.30539847+00
AS 228+	.99597800+00	81	.11210658+04	.40759639+00
AS 228-	.99597800+00	43	-.12561546+04	.30539847+00
AS 229+	.99597800+00	64	.13746607+04	.34759761+00
AS 229-	.99597800+00	43	-.16745358+04	.30539847+00
AS 230+	.99597800+00	64	.13746607+04	.34759761+00
AS 230-	.99597800+00	43	-.16745358+04	.30539847+00
AS 231+	.99597800+00	37	.16676904+04	.93676984+00
AS 231-	.99597800+00	43	-.19359510+04	.30429849+00
AS 232+	.99597800+00	73	.76218314+03	.87486779+00
AS 232-	.99597800+00	64	-.71913362+03	.55539133+00
AS 233+	.99597800+00	73	.76218314+03	.87486779+00
AS 233-	.99597800+00	64	-.71913362+03	.55539133+00
AS 234+	.99597800+00	73	.18642772+04	.87378999+00
AS 234-	.99597800+00	64	-.18068908+04	.55539133+00
AS 235+	.99597800+00	73	.18642772+04	.87378999+00
AS 235-	.99597800+00	64	-.18068908+04	.55539133+00
AS 236+	.99597800+00	73	.25049333+04	.87486779+00
AS 236-	.99597800+00	64	-.25483859+04	.55539133+00
AS 237+	.99597800+00	73	.25049333+04	.87486779+00
AS 237-	.99597800+00	64	-.25483859+04	.55539133+00
AS 238+	.99597800+00	73	.27511510+04	.87486779+00
AS 238-	.99597800+00	64	-.28230622+04	.55539133+00
AS 239+	.99597800+00	73	.27511510+04	.87486779+00
AS 239-	.99597800+00	64	-.28230622+04	.55539133+00
AS 240+	.99597800+00	73	.28543817+04	.87708551+00
AS 240-	.99597800+00	64	-.30166732+04	.55539133+00
AS 241+	.99597800+00	81	.26948819+02	.10259971+00
AS 241-	.99597800+00	64	-.50311981+02	.55539133+00
AS 242+	.99597800+00	64	.99455575+02	.55539133+00
AS 242-	.99597800+00	73	-.51251520+02	.87708551+00
AS 243+	.99597800+00	73	.12650681+02	.87708551+00
AS 243-	.99597800+00	64	-.21941434+02	.55539133+00
AS 244+	.99597800+00	73	.12650681+02	.87708551+00
AS 244-	.99597800+00	64	-.21941434+02	.55539133+00
AS 245+	.99597800+00	64	.63859622+03	.55539133+00
AS 245-	.99597800+00	73	-.58951833+03	.87708551+00
AS 246+	.99597800+00	64	.63859622+03	.55539133+00
AS 246-	.99597800+00	73	-.58951833+03	.87708551+00
AS 247+	.99597800+00	64	.88683924+03	.55539133+00
AS 247-	.99597800+00	73	-.82644962+03	.87708551+00
AS 248+	.99597800+00	81	.31154202+02	.10115642+01

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 248-	.99597800+00	44	-.42817445+02	.55649126+00
AS 249+	.99597800+00	81	.40943082+02	.10115642+01
AS 249-	.99597800+00	69	-.59576921+02	.55649126+00
AS 250+	.99597800+00	10	.50674725+02	.64778601+00
AS 250-	.99597800+00	69	-.72756210+02	.55649126+00
AS 251+	.99597800+00	96	.41349398+03	.45289547+00
AS 251-	.99597800+00	8	-.69829946+03	.35079755+00
AS 252+	.99597800+00	77	.47462169+03	.47579500+00
AS 252-	.99597800+00	38	-.45409332+03	.65478560+00
AS 253+	.99597800+00	81	.46442702+03	.10544585+01
AS 253-	.99597800+00	8	-.66768615+03	.34969757+00
AS 254+	.99597800+00	29	.53770477+03	.11640247+01
AS 254-	.99597800+00	66	-.68868737+03	.42669600+00
AS 255+	.99597800+00	44	.73252811+03	.55649126+00
AS 255-	.99597800+00	10	-.58334093+03	.64998588+00
AS 256+	.99597800+00	31	.59931480+03	.57719007+00
AS 256-	.99597800+00	66	-.92936292+03	.42559602+00
AS 257+	.99597800+00	69	.10833913+04	.55649126+00
AS 257-	.99597800+00	10	-.79890738+03	.64668607+00
AS 258+	.99597800+00	79	.76831187+03	.45719538+00
AS 258-	.99597800+00	66	-.11096932+04	.42449605+00
AS 259+	.99597800+00	69	.13842451+04	.55649126+00
AS 259-	.99597800+00	81	-.90006719+03	.10115642+01
AS 260+	.99597800+00	13	.17016242+04	.66438505+00
AS 260-	.99597800+00	10	-.23102466+04	.65108582+00
AS 261+	.99597800+00	69	.14424877+04	.55209152+00
AS 261-	.99597800+00	10	-.11400997+04	.64778601+00
AS 262+	.99597800+00	44	.49878878+04	.83385444+00
AS 262-	.99597800+00	10	-.52050417+04	.63898651+00
AS 263+	.99597800+00	69	.15253819+04	.55429139+00
AS 263-	.99597800+00	10	-.11259285+04	.64888594+00
AS 264+	.99597800+00	69	.20081171+04	.64008645+00
AS 264-	.99597800+00	83	-.33904903+04	.24649960+00
AS 265+	.99597800+00	69	.19075361+04	.55649126+00
AS 265-	.99597800+00	10	-.15429691+04	.64998588+00
AS 266+	.99597800+00	69	.19981022+04	.64008645+00
AS 266-	.99597800+00	83	-.37420426+04	.24849960+00
AS 267+	.99597800+00	8	.43779450+02	.35079755+00
AS 267-	.99597800+00	10	-.27870662+02	.58608956+00
AS 268+	.99597800+00	8	.50809589+02	.35079755+00
AS 268-	.99597800+00	10	-.36215619+02	.58608956+00
AS 269+	.99597800+00	96	.72013995+02	.27119916+00
AS 269-	.99597800+00	10	-.36993681+02	.63788658+00
AS 270+	.99597800+00	69	.38528302+02	.38089693+00
AS 270-	.99597800+00	81	-.19532890+02	.10533587+01
AS 271+	.99597800+00	69	.42438698+02	.38089693+00
AS 271-	.99597800+00	81	-.24395218+02	.10533587+01
AS 272+	.99597800+00	96	.78352435+02	.49549960+00
AS 272-	.99597800+00	81	-.48355126+02	.10533587+01
AS 273+	.99597800+00	38	.25411081+02	.64378624+00
AS 273-	.99597800+00	69	-.41080210+02	.59989164+00
AS 274+	.99597800+00	10	.90875111+03	.69983665+00
AS 274-	.99597800+00	8	-.11023456+04	.35079755+00
AS 275+	.99597800+00	10	.84847498+03	.65216578+00
AS 275-	.99597800+00	73	-.12225577+04	.25899741+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 276+	.99597800+00	38	.97069063+03	.65368567+00
AS 276-	.99597800+00	46	-.22157315+04	.27119916+00
AS 277+	.99597800+00	79	.87632910+03	.51689356+00
AS 277-	.99597800+00	69	-.13052180+04	.38199691+00
AS 278+	.99597800+00	81	.75889612+03	.10533587+01
AS 278-	.99597800+00	69	-.14663702+04	.38099693+00
AS 279+	.99597800+00	81	.11622785+04	.10533587+01
AS 279-	.99597800+00	69	-.19701529+04	.38089693+00
AS 280+	.99597800+00	79	.53142687+04	.52209324+00
AS 280-	.99597800+00	40	-.66924927+04	.61918765+00
AS 281+	.99597800+00	54	.17446358+04	.60928822+00
AS 281-	.99597800+00	81	-.27910959+05	.43729579+00
AS 282+	.99597800+00	73	.25368382+04	.87190247+00
AS 282-	.99597800+00	64	-.50128727+04	.54879171+00
AS 283+	.99597800+00	27	.54869699+03	.11232679+01
AS 283-	.99597800+00	66	-.15527173+04	.41899616+00
AS 284+	.99597800+00	81	.13426620+03	.48019492+00
AS 284-	.99597800+00	8	-.81630565+02	.16589974+00
AS 285+	.99597800+00	29	.56146946+02	.11619755+01
AS 285-	.99597800+00	30	-.59170476+02	.77053850+00
AS 286+	.99597800+00	79	.51869160+01	.51879343+00
AS 286-	.99597800+00	12	-.48855329+01	.10611920+01
AS 287+	.99597800+00	87	.15769619+02	.63398680+00
AS 287-	.99597800+00	12	-.13139215+02	.10691642+01
AS 288+	.99597800+00	87	.20853317+02	.63398680+00
AS 288-	.99597800+00	12	-.16406115+02	.10661846+01
AS 289+	.99597800+00	87	.16016587+04	.62788715+00
AS 289-	.99597800+00	10	-.99646055+03	.69763678+00
AS 290+	.99597800+00	87	.13910462+04	.62788715+00
AS 290-	.99597800+00	44	-.83370671+03	.63385449+00
AS 291+	.99597800+00	87	.11656499+04	.62788715+00
AS 291-	.99597800+00	44	-.66210690+03	.63385449+00
AS 292+	.99597800+00	8	.12646686+04	.34969757+00
AS 292-	.99597800+00	44	-.92281875+03	.83385449+00
AS 293+	.99597800+00	87	.11149465+04	.63398680+00
AS 293-	.99597800+00	12	-.82880907+03	.10793046+01
AS 294+	.99597800+00	87	.10768125+04	.63398680+00
AS 294-	.99597800+00	12	-.86322673+03	.10661846+01
AS 295+	.99597800+00	12	.48795711+01	.10611920+01
AS 295-	.99597800+00	79	-.51168963+01	.51769350+00
AS 296+	.99597800+00	86	.15487427+02	.46909514+00
AS 296-	.99597800+00	79	-.15479669+02	.51549362+00
AS 297+	.99597800+00	69	.18090237+02	.38419687+00
AS 297-	.99597800+00	61	-.22485841+04	.61857874+00
AS 298+	.99597800+00	46	.16271908+04	.31629825+00
AS 298-	.99597800+00	79	-.88709304+03	.51329375+00
AS 299+	.99597800+00	46	.15249046+04	.31629825+00
AS 299-	.99597800+00	77	-.74185810+03	.61857874+00
AS 300+	.99597800+00	46	.12312409+04	.31629825+00
AS 300-	.99597800+00	10	-.57993819+03	.61978791+00
AS 301+	.99597800+00	46	.13710600+04	.31629825+00
AS 301-	.99597800+00	79	-.71786562+03	.51219361+00
AS 302+	.99597800+00	46	.11044964+04	.31629825+00
AS 302-	.99597800+00	79	-.78284791+03	.51329375+00
AS 303+	.99597800+00	86	.97105778+03	.46909514+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 303-	.99597800+00	79	-.84521277+03	.51439369+00
AS 304+	.99597800+00	87	.17749697+02	.63398680+00
AS 304-	.99597800+00	12	-.13373010+02	.10631556+01
AS 305+	.99597800+00	79	.11782887+02	.51989337+00
AS 305-	.99597800+00	12	-.97240820+01	.10631556+01
AS 306+	.99597800+00	79	.17805709+02	.51769350+00
AS 306-	.99597800+00	12	-.14[illegible]	.[illegible]
AS 307+	.99597800+00	87	.18926600+04	.63398680+00
AS 307-	.99597800+00	12	-.14531315+04	.10641642+01
AS 308+	.99597800+00	87	.15970610+04	.63178693+00
AS 308-	.99597800+00	12	-.13245875+04	.10621480+01
AS 309+	.99597800+00	79	.13284218+04	.51769350+00
AS 309-	.99597800+00	12	-.[illegible]	.[illegible]
AS 310+	.99597800+00	79	.64551353+02	.51879343+00
AS 310-	.99597800+00	12	-.[illegible]	.[illegible]
AS 311+	.99597800+00	69	.28636946+03	.38309689+00
AS 311-	.99597800+00	79	-.16368949+03	.51659356+00
AS 312+	.99597800+00	69	.76319166+03	.37979696+00
AS 312-	.99597800+00	96	-.60368629+03	.45399545+00
AS 313+	.99597800+00	85	.15560977+02	.46909519+00
AS 313-	.99597800+00	79	-.13445619+02	.51329375+00
AS 314+	.99597800+00	65	.[illegible]	.[illegible]
AS 314-	.99597800+00	79	-.97678798+01	.51549362+00
AS 315+	.99597800+00	86	.15378606+02	.53599299+00
AS 315-	.99597800+00	54	-.15195978+02	.63018702+00
AS 316+	.99597800+00	85	.16572066+04	.46909519+00
AS 316-	.99597800+00	79	-.14592117+04	.51439369+00
AS 317+	.99597800+00	85	.13889322+04	.46579521+00
AS 317-	.99597800+00	79	-.13417515+04	.51439369+00
AS 318+	.99597800+00	10	.11485761+04	.70093659+00
AS 318-	.99597800+00	54	-.11530770+04	.63018702+00
AS 319+	.99597800+00	10	.54911139+02	.70923640+00
AS 319-	.99597800+00	79	-.55086524+02	.51989337+00
AS 320+	.99597800+00	59	.26603863+03	.32629809+00
AS 320-	.99597800+00	12	-.19151660+03	.10798596+01
AS 321+	.99597800+00	60	.29319589+03	.22379969+00
AS 321-	.99597800+00	2	-.20675861+03	.61068819+00
AS 322+	.99597800+00	8	.33966405+02	.19389977+00
AS 322-	.99597800+00	88	-.72081676+02	.10923535+01
AS 323+	.99597800+00	96	.64376417+04	.47379505+00
AS 323-	.99597800+00	81	-.80349895+04	.43399585+00
AS 324+	.99597800+00	29	.59951763+03	.11589398+01
AS 324-	.99597800+00	96	-.71626691+03	.31899820+00
AS 325+	.99597800+00	12	.92603771+04	.67658935+00
AS 325-	.99597800+00	86	-.56188014+04	.53819232+00
AS 326+	.99597800+00	73	.29139917+04	.87190247+00
AS 326-	.99597800+00	93	-.19627550+04	.83664759+00
AS 327+	.99597800+00	83	.31108099+03	.25179956+00
AS 327-	.99597800+00	96	-.27003742+03	.47379505+00
AS 328+	.99597800+00	83	.83213878+04	.25179956+00
AS 328-	.99597800+00	96	-.72067092+04	.47379505+00
AS 329+	.99597800+00	96	.29999696+04	.47379505+00
AS 329-	.99597800+00	83	-.33809570+04	.25179956+00
AS 330+	.99597800+00	52	.11225583+03	.32879677+00
AS 330-	.99597800+00	93	-.19041538+03	.27649867+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 331+	.99597800+00	52	.56862010+04	.38989675+00
AS 331-	.99597800+00	64	-.98139431+04	.55539133+00
AS 332+	.99597800+00	44	.80253571+03	.83056837+00
AS 332-	.99597800+00	10	-.98249384+03	.63898651+00
AS 333+	.99597800+00	73	.27776044+04	.87708551+00
AS 333-	.99597800+00	64	-.29972465+04	.55539133+00
AS 334+	.99597800+00	64	.45757859+03	.55539133+00
AS 334-	.99597800+00	52	-.26731281+03	.39429666+00
AS 335+	.99597800+00	64	.12244959+05	.55539133+00
AS 335-	.99597800+00	52	-.71015045+04	.39319668+00
AS 336+	.99597800+00	52	.29384675+04	.39429666+00
AS 336-	.99597800+00	64	-.49360922+04	.55539133+00
AS 337+	.99597800+00	8	.33968405+02	.14389977+00
AS 337-	.99597800+00	88	-.72081676+02	.10923535+01
AS 338+	.99597800+00	96	.64376417+04	.47379505+00
AS 338-	.99597800+00	81	-.80349895+04	.43399585+00
AS 339+	.99597800+00	29	.59951763+03	.11589398+01
AS 339-	.99597800+00	96	-.71626691+03	.31849820+00
AS 340+	.99597800+00	12	.42603771+04	.67658435+00
AS 340-	.99597800+00	86	-.56188014+04	.53819232+00
AS 341+	.99597800+00	83	.31108099+03	.25179956+00
AS 341-	.99597800+00	96	-.27003792+03	.47379505+00
AS 342+	.99597800+00	73	.33991977+04	.88056826+00
AS 342-	.99597800+00	70	-.41942524+04	.29849861+00
AS 343+	.99597800+00	8	.69521520+04	.34969757+00
AS 343-	.99597800+00	44	-.45272545+04	.83385449+00
AS 344+	.99597800+00	44	.54871530+04	.83500946+00
AS 344-	.99597800+00	8	-.71714537+04	.34969757+00
AS 345+	.99597800+00	73	.40882653+04	.87708551+00
AS 345-	.99597800+00	70	-.48922593+04	.29849861+00
AS 346+	.99597800+00	83	.74816373+04	.25179956+00
AS 346-	.99597800+00	96	-.64777028+04	.47379505+00
AS 347+	.99597800+00	52	.11226583+03	.38679677+00
AS 347-	.99597800+00	93	-.19041538+03	.29549867+00
AS 348+	.99597800+00	52	.56862010+04	.38989675+00
AS 348-	.99597800+00	64	-.98139431+04	.55539133+00
AS 349+	.99597800+00	44	.80253571+03	.83056837+00
AS 349-	.99597800+00	10	-.98249384+03	.63898651+00
AS 350+	.99597800+00	64	.45757859+03	.55539133+00
AS 350-	.99597800+00	52	-.26731281+03	.39429666+00
AS 351+	.99597800+00	52	.56360885+04	.38879677+00
AS 351-	.99597800+00	64	-.99367235+04	.55539133+00
AS 352+	.99597800+00	86	.77907617+04	.29249873+00
AS 352-	.99597800+00	10	-.33125353+04	.61478791+00
AS 353+	.99597800+00	86	.34077611+04	.10947822+01
AS 353-	.99597800+00	86	-.75308312+04	.29249873+00
AS 354+	.99597800+00	93	.83747527+04	.11939902+00
AS 354-	.99597800+00	93	-.11594753+05	.29659865+00
AS 355+	.99597800+00	64	.11007412+05	.55539133+00
AS 355-	.99597800+00	52	-.63803304+04	.39319668+00
AS 356+	.99597800+00	81	.10381668+02	.47679500+00
AS 356-	.99597800+00	96	-.13644106+02	.47939963+00
AS 357+	.99597800+00	10	.96050320+01	.58600756+00
AS 357-	.99597800+00	81	-.13274406+02	.45699541+00
AS 358+	.99597800+00	16	.35474718+04	.25459750+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 358-	.99597800+00	12	-.32298614+02	.67658435+00
AS 359+	.99597800+00	18	.43951440+02	.33809780+00
AS 359-	.99597800+00	10	-.35362234+02	.65218575+00
AS 360+	.99597800+00	64	.19786276+03	.55319145+00
AS 360-	.99597800+00	52	-.13102571+03	.38989675+00
AS 361+	.99597800+00	64	.74423015+04	.55319145+00
AS 361-	.99597800+00	52	-.49286101+04	.38989675+00
AS 362+	.99597800+00	64	.93897468+03	.55319145+00
AS 362-	.99597800+00	52	-.62188835+03	.38989675+00
AS 363+	.99597800+00	12	.62674283+04	.67658435+00
AS 363-	.99597800+00	86	-.83902460+04	.53819232+00
AS 364+	.99597800+00	96	.54493807+04	.47379505+00
AS 364-	.99597800+00	44	-.49868736+04	.83619861+00
AS 365+	.99597800+00	86	.97942404+04	.53599244+00
AS 365-	.99597800+00	96	-.89048785+04	.47219467+00
AS 366+	.99597800+00	73	.11260707+02	.87273303+00
AS 366-	.99597800+00	86	-.72118671+01	.53929225+00
AS 367+	.99597800+00	73	.11260707+02	.87273303+00
AS 367-	.99597800+00	86	-.72118671+01	.53929225+00
AS 368+	.99597800+00	73	.11260707+02	.87273303+00
AS 368-	.99597800+00	86	-.72118671+01	.53929225+00
AS 369+	.99597800+00	73	.11260707+02	.87273303+00
AS 369-	.99597800+00	86	-.72118671+01	.53929225+00
AS 370+	.99597800+00	73	.11260707+02	.87273303+00
AS 370-	.99597800+00	86	-.72118671+01	.53929225+00
AS 371+	.99597800+00	86	.29877336+03	.53709238+00
AS 371-	.99597800+00	96	-.49760892+03	.49439463+00
AS 372+	.99597800+00	12	.30823762+03	.10798546+01
AS 372-	.99597800+00	8	-.57982822+03	.34969757+00
AS 373+	.99597800+00	18	.20797625+03	.70461066+00
AS 373-	.99597800+00	96	-.49198706+03	.49439463+00
AS 374+	.99597800+00	12	.39858414+03	.10798546+01
AS 374-	.99597800+00	8	-.64659780+03	.34859759+00
AS 375+	.99597800+00	18	.17049123+03	.70461066+00
AS 375-	.99597800+00	86	-.91755920+03	.29359871+00
AS 376+	.99597800+00	12	.48896481+03	.10798546+01
AS 376-	.99597800+00	8	-.71471297+03	.34859759+00
AS 377+	.99597800+00	43	.20049675+03	.18539970+00
AS 377-	.99597800+00	86	-.93745947+03	.29359871+00
AS 378+	.99597800+00	12	.57933221+03	.10798546+01
AS 378-	.99597800+00	8	-.78259733+03	.34859759+00
AS 379+	.99597800+00	96	.34782146+03	.44719518+00
AS 379-	.99597800+00	96	-.36289885+03	.31959818+00
AS 380+	.99597800+00	12	.66983139+03	.10798546+01
AS 380-	.99597800+00	8	-.85099866+03	.34859759+00
AS 381+	.99597800+00	73	.11637539+02	.87088288+00
AS 381-	.99597800+00	64	-.84772261+01	.55099158+00
AS 382+	.99597800+00	73	.11637539+02	.87088288+00
AS 382-	.99597800+00	64	-.84772261+01	.55099158+00
AS 383+	.99597800+00	73	.11637539+02	.87088288+00
AS 383-	.99597800+00	64	-.84772261+01	.55099158+00
AS 384+	.99597800+00	73	.11637539+02	.87088288+00
AS 384-	.99597800+00	64	-.84772261+01	.55099158+00
AS 385+	.99597800+00	73	.11637539+02	.87088288+00
AS 385-	.99597800+00	64	-.84772261+01	.55099158+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 386+	.99597800+00	44	.20485092+03	.61598784+00
AS 386-	.99597800+00	69	-.44091766+03	.38089693+00
AS 387+	.99597800+00	44	.24805564+03	.61598784+00
AS 387-	.99597800+00	69	-.56911990+03	.37979696+00
AS 388+	.99597800+00	81	.16443792+03	.73138119+00
AS 388-	.99597800+00	8	-.40214583+03	.34969757+00
AS 389+	.99597800+00	44	.32570978+03	.61598784+00
AS 389-	.99597800+00	69	-.63210172+03	.38089693+00
AS 390+	.99597800+00	96	.17225104+03	.45179549+00
AS 390-	.99597800+00	8	-.40880312+03	.34969757+00
AS 391+	.99597800+00	69	.41911322+03	.62712064+00
AS 391-	.99597800+00	69	-.69593774+03	.38199691+00
AS 392+	.99597800+00	96	.21630408+03	.45069551+00
AS 392-	.99597800+00	69	-.42038426+03	.22269964+00
AS 393+	.99597800+00	69	.51517162+03	.62821678+00
AS 393-	.99597800+00	69	-.76211882+03	.38199691+00
AS 394+	.99597800+00	8	.28926945+03	.15159976+00
AS 394-	.99597800+00	87	-.51432626+03	.62788715+00
AS 395+	.99597800+00	69	.61143989+03	.62821678+00
AS 395-	.99597800+00	69	-.82868235+03	.38309689+00
AS 396+	.99597800+00	81	.53633551+03	.73138119+00
AS 396-	.99597800+00	8	-.10208794+04	.34969757+00
AS 397+	.99597800+00	37	.11381050+04	.93978349+00
AS 397-	.99597800+00	64	-.13180697+04	.57189038+00
AS 398+	.99597800+00	73	.29190940+04	.87190247+00
AS 398-	.99597800+00	48	-.19509597+04	.83864759+00
AS 399+	.99597800+00	81	.55999378+03	.47579500+00
AS 399-	.99597800+00	96	-.73682076+03	.49439963+00
AS 400+	.99597800+00	73	.17977784+04	.25899941+00
AS 400-	.99597800+00	10	-.87668968+03	.65218575+00
AS 401+	.99597800+00	73	.84582542+03	.53739292+00
AS 401-	.99597800+00	73	-.18354577+04	.25899941+00
AS 402+	.99597800+00	23	.14677390+04	.35239751+08
AS 402-	.99597800+00	81	-.18301048+04	.47909894+00
AS 403+	.99597800+00	81	.16099922+02	.49059572+00
AS 403-	.99597800+00	93	-.14158062+02	.30929849+00
AS 404+	.99597800+00	40	.22598203+02	.61588784+00
AS 404-	.99597800+00	83	-.24576698+02	.99526888+00
AS 405+	.99597800+00	86	.86625184+02	.20939967+00
AS 405-	.99597800+00	85	-.99395812+02	.46579521+00
AS 406+	.99597800+00	8	.66782517+02	.34969757+00
AS 406-	.99597800+00	99	-.39085985+02	.83500946+00
AS 407+	.99597800+00	16	.35479718+02	.25459950+00
AS 407-	.99597800+00	12	-.32295619+02	.67658935+00
AS 408+	.99597800+00	96	.82634827+02	.47379505+00
AS 408-	.99597800+00	86	-.78548070+02	.53819232+00
AS 409+	.99597800+00	69	.70252582+02	.67519019+00
AS 409-	.99597800+00	52	-.39403496+02	.41909626+00
AS 410+	.99597800+00	86	.84509491+02	.53969251+00
AS 410-	.99597800+00	83	-.84933101+02	.99526888+00
AS 411+	.99597800+00	73	.54063181+02	.87190247+00
AS 411-	.99597800+00	93	-.36143466+02	.83864759+00
AS 412+	.99597800+00	81	.63250824+02	.47689496+00
AS 412-	.99597800+00	96	-.52964325+02	.49439963+00
AS 413+	.99597800+00	37	.42264109+02	.90089653+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
AS 413-	.99597800+00	69	-.46719636+02	.41169631+00
AS 414+	.99597800+00	96	.70987741+02	.47269507+00
AS 414-	.99597800+00	40	-.52130445+02	.58838943+00
AS 415+	.99597800+00	81	.10381668+02	.47579500+00
AS 415-	.99597800+00	96	-.13644106+02	.49439463+00
AS 416+	.99597800+00	68	.22649525+04	.56639069+00
AS 416-	.99597800+00	86	-.13966716+04	.53599244+00
AS 417+	.99597800+00	69	.46219595+03	.38309689+00
AS 417-	.99597800+00	79	-.44740483+03	.51659356+00
AS 418+	.99597800+00	52	.52479241+04	.38879677+00
AS 418-	.99597800+00	68	-.78917385+04	.55319145+00
AS 419+	.99597800+00	66	.41663897+03	.62578727+00
AS 419-	.99597800+00	69	-.10096580+04	.37779696+00
AS 420+	.99597800+00	83	.17298390+04	.94526888+00
AS 420-	.99597800+00	81	-.15698962+04	.45709538+00
AS 421+	.99597800+00	73	.27890140+04	.87708551+00
AS 421-	.99597800+00	64	-.29950467+04	.55539133+00
AS 422+	.99597800+00	10	.52429931+03	.58608956+00
AS 422-	.99597800+00	81	-.71667670+03	.45599541+00
AS 423+	.99597800+00	16	.18067293+04	.25569948+00
AS 423-	.99597800+00	73	-.82523257+03	.53739292+00
AS 424+	.99597800+00	39	.31759671+03	.40470633+00
AS 424-	.99597800+00	18	-.96562217+03	.39769659+00
AS 425+	.99597800+00	37	.16666049+04	.93676984+00
AS 425-	.99597800+00	93	-.19341973+04	.30429849+00
AS 426+	.99597800+00	81	.16099922+02	.44059572+00
AS 426-	.99597800+00	93	-.14158062+02	.30429849+00
AS 427+	.99597800+00	86	.84509491+02	.53489251+00
AS 427-	.99597800+00	83	-.84938101+02	.94526888+00
AS 428+	.99597800+00	81	.63250824+02	.47689498+00
AS 428-	.99597800+00	96	-.52966325+02	.49439463+00
AS 429+	.99597800+00	73	.51634089+02	.87708551+00
AS 429-	.99597800+00	64	-.55497229+02	.55539133+00
AS 430+	.99597800+00	64	.19020011+03	.65539133+00
AS 430-	.99597800+00	52	-.10435713+03	.38879677+00
AS 431+	.99597800+00	12	.76592381+02	.10549627+01
AS 431-	.99597800+00	79	-.86925649+02	.51879343+00
AS 432+	.99597800+00	83	.66391132+02	.24959959+00
AS 432-	.99597800+00	83	-.53182484+02	.94306900+00
AS 433+	.99597800+00	18	.43891297+02	.33809780+00
AS 433-	.99597800+00	10	-.35291851+02	.65218575+00
AS 434+	.99597800+00	60	.65282936+02	.22489784+00
AS 434-	.99597800+00	18	-.29289289+02	.49449962+00
AS 435+	.99597800+00	10	.67097490+02	.69543690+00
AS 435-	.99597800+00	87	-.44865272+02	.62898712+00
AS 436+	.99597800+00	64	.28983453+02	.56859057+00
AS 436-	.99597800+00	86	-.26068957+02	.53599244+00
AS 437+	.99597800+00	37	.42269109+02	.90089653+00
AS 437-	.99597800+00	69	-.46719636+02	.41169631+00
AS 438+	.99597800+00	10	.66379620+02	.69433697+00
AS 438-	.99597800+00	12	-.51909357+02	.67438947+00
AS 439+	.99597800+00	10	.96850320+01	.58606956+00
AS 439-	.99597800+00	81	-.13279406+02	.45599541+00
AS 440+	.99597800+00	68	.19416631+04	.24959959+00
AS 440-	.99597800+00	79	-.13389134+04	.51549362+00
AS 441+	.99597800+00	64	.56438410+03	.56659057+00
AS 441-	.99597800+00	86	-.47289970+03	.53599244+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD	TITLE	PROBABILITY	CASE	VALUE	TIME
DS	1+	.99997800+00	31	.27612154+04	.66888479+00
DS	1-	.99997800+00	80	-.72723742+04	.42907098+00
DS	2+	.99997800+00	10	.27071151+04	.55859114+00
DS	2-	.99997800+00	16	-.72415323+04	.27329912+00
DS	3+	.99997800+00	16	.51965181+04	.27439910+00
DS	3-	.99997800+00	10	-.23737341+04	.56409083+00
DS	4+	.99997800+00	96	.43608094+04	.45179549+00
DS	4-	.99997800+00	61	-.21786813+04	.66448504+00
DS	5+	.99997800+00	90	.10202529+05	.36969716+00
DS	5-	.99997800+00	31	-.59855558+04	.66008530+00
DS	6+	.99997800+00	33	.10509548+05	.90647114+00
DS	6-	.99997800+00	58	-.58191531+04	.10932699+01
DS	7+	.99997800+00	66	.20280318+02	.42559602+00
DS	7-	.99997800+00	87	-.18500285+02	.62568728+00
DS	8+	.99997800+00	66	.38305064+02	.42559602+00
DS	8-	.99997800+00	33	-.60921622+02	.10593579+01
DS	9+	.99997800+00	66	.22901837+02	.42559602+00
DS	9-	.99997800+00	87	-.18406890+02	.62568728+00
DS	10+	.99997800+00	33	.18605700+02	.10933495+01
DS	10-	.99997800+00	81	-.22826433+02	.58838943+00
DS	11+	.99997800+00	33	.19351774+02	.10933495+01
DS	11-	.99997800+00	33	-.23971606+02	.10838290+01
DS	12+	.99997800+00	33	.55106318+02	.98236674+00
DS	12-	.99997800+00	81	-.24388009+02	.58728949+00
DS	13+	.99997800+00	81	.23511453+02	.70388278+00
DS	13-	.99997800+00	73	-.48210243+02	.28319892+00
DS	14+	.99997800+00	81	.99184961+02	.70058297+00
DS	14-	.99997800+00	29	-.10181880+03	.49859454+00
DS	15+	.99997800+00	73	.51965652+02	.28099896+00
DS	15-	.99997800+00	12	-.23052012+02	.11355428+01
DS	16+	.99997800+00	81	.10115826+03	.70168290+00
DS	16-	.99997800+00	54	-.10450085+03	.48059491+00
DS	17+	.99997800+00	10	.22102770+02	.56629070+00
DS	17-	.99997800+00	31	-.22714705+02	.67768428+00
DS	18+	.99997800+00	81	.10182238+03	.70058297+00
DS	18-	.99997800+00	29	-.10157623+03	.49859454+00
DS	19+	.99997800+00	10	.22261720+02	.55309146+00
DS	19-	.99997800+00	54	-.28238412+02	.48389489+00
DS	20+	.99997800+00	81	.99863238+02	.70058297+00
DS	20-	.99997800+00	29	-.99661232+02	.49859459+00
DS	21+	.99997800+00	81	.18299789+03	.90517119+00
DS	21-	.99997800+00	64	-.16438019+03	.72588151+00
DS	22+	.99997800+00	81	.18361980+03	.90517119+00
DS	22-	.99997800+00	64	-.16322891+03	.72698145+00
DS	23+	.99997800+00	59	.11789939+02	.24599960+00
DS	23-	.99997800+00	33	-.20566495+02	.10747558+01
DS	24+	.99997800+00	64	.15058160+03	.72588151+00
DS	24-	.99997800+00	81	-.17097816+03	.90517119+00
DS	25+	.99997800+00	81	.18285777+03	.90517119+00
DS	25-	.99997800+00	64	-.16468547+03	.72588151+00
DS	26+	.99997800+00	10	.10839150+02	.54869171+00
DS	26-	.99997800+00	90	-.16722196+02	.35429747+00
DS	27+	.99997800+00	81	.16223743+03	.90517119+00
DS	27-	.99997800+00	64	-.14688105+03	.72698145+00
DS	28+	.99997800+00	81	.16917197+03	.90517119+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD	TITLE	PROBABILITY	CASE	VALUE	TIME
DS	28-	.99597800+00	64	-.14848688+03	.72698145+00
DS	29+	.99597800+00	33	.16036108+02	.10747558+01
DS	29-	.99597800+00	59	-.91926748+01	.24599960+00
DS	30+	.99597800+00	64	.16310123+03	.72698145+00
DS	30-	.99597800+00	81	-.18371481+03	.90517119+00
DS	31+	.99597800+00	64	.14903062+03	.72698145+00
DS	31-	.99597800+00	81	-.16507270+03	.90517119+00
DS	32+	.99597800+00	10	.13901707+02	.54869171+00
DS	32-	.99597800+00	90	-.21445410+02	.35429747+00
DS	33+	.99597800+00	9	.47392847+04	.26689925+00
DS	33-	.99597800+00	63	-.54132704+04	.51909342+00
DS	34+	.99597800+00	13	.44031854+04	.78097834+00
DS	34-	.99597800+00	25	-.55163239+04	.44359566+00
DS	35+	.99597800+00	10	.74265406+02	.55639127+00
DS	35-	.99597800+00	16	-.99397997+02	.25129957+00
DS	36+	.99597800+00	10	.66608298+02	.55639127+00
DS	36-	.99597800+00	16	-.99869436+02	.25129957+00
DS	37+	.99597800+00	10	.66916949+02	.55639127+00
DS	37-	.99597800+00	16	-.10081546+03	.25019959+00
DS	38+	.99597800+00	47	.14704502+03	.88989048+00
DS	38-	.99597800+00	16	-.98457283+02	.25679946+00
DS	39+	.99597800+00	66	.66357038+02	.41789618+00
DS	39-	.99597800+00	27	-.96036300+02	.11305621+01
DS	40+	.99597800+00	46	.59516333+02	.14909977+00
DS	40-	.99597800+00	27	-.92436933+02	.11305621+01
DS	41+	.99597800+00	8	.58064741+02	.26819922+00
DS	41-	.99597800+00	27	-.91413281+02	.11305621+01
DS	42+	.99597800+00	61	.14855551+03	.63698663+00
DS	42-	.99597800+00	25	-.98984322+02	.75433960+00
DS	43+	.99597800+00	37	.14556238+03	.32169814+00
DS	43-	.99597800+00	23	-.76733772+02	.28089897+00
DS	44+	.99597800+00	64	.17910262+03	.34099774+00
DS	44-	.99597800+00	96	-.12217524+03	.73758084+00
DS	45+	.99597800+00	92	.83883400+02	.48139489+00
DS	45-	.99597800+00	96	-.10999531+03	.86719518+00
DS	46+	.99597800+00	92	.82574405+02	.48029491+00
DS	46-	.99597800+00	96	-.10939498+03	.46499522+00
DS	47+	.99597800+00	81	.99397516+02	.87217309+00
DS	47-	.99597800+00	86	-.91584381+02	.10824001+01
DS	48+	.99597800+00	81	.91918548+02	.87107315+00
DS	48-	.99597800+00	86	-.99914399+02	.10865229+01
DS	49+	.99597800+00	81	.50923477+02	.87107315+00
DS	49-	.99597800+00	86	-.96502481+02	.10748062+01
DS	50+	.99597800+00	81	.98315007+02	.87547290+00
DS	50-	.99597800+00	86	-.96696195+02	.10812991+01
DS	51+	.99597800+00	81	.50328912+02	.87547290+00
DS	51-	.99597800+00	86	-.99577188+02	.10812991+01
DS	52+	.99597800+00	81	.91850250+02	.87547290+00
DS	52-	.99597800+00	12	-.96561880+02	.50059448+00
DS	53+	.99597800+00	16	.10569720+03	.25019959+00
DS	53-	.99597800+00	72	-.85895919+02	.23629962+00
DS	54+	.99597800+00	16	.10386817+03	.24799960+00
DS	54-	.99597800+00	72	-.87211893+02	.23409962+00
DS	55+	.99597800+00	87	.64154703+02	.82788715+00
DS	55-	.99597800+00	18	-.14237284+03	.34249771+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD	TITLE	PROBABILITY	CASE	VALUE	TIME
DS	56+	.99597800+00	77	.97826574+02	.81363557+00
DS	56-	.99597800+00	18	-.17417375+03	.34359769+00
DS	57+	.99597800+00	12	.46765001+04	.67328454+00
DS	57-	.99597800+00	38	-.75928092+04	.13309979+00
DS	58+	.99597800+00	86	.42342854+04	.27269913+00
DS	58-	.99597800+00	8	-.93086289+04	.23299962+00
DS	59+	.99597800+00	64	.52680228+04	.35199752+00
DS	59-	.99597800+00	43	-.77868160+04	.30759842+00
DS	60+	.99597800+00	81	.45658224+04	.40429646+00
DS	60-	.99597800+00	8	-.91796818+04	.15379976+00
DS	61+	.99597800+00	10	.27388499+04	.63018702+00
DS	61-	.99597800+00	52	-.80827527+04	.26559928+00
DS	62+	.99597800+00	10	.37768918+04	.63678664+00
DS	62-	.99597800+00	43	-.84708105+04	.31309831+00
DS	63+	.99597800+00	84	.46278452+04	.44549562+00
DS	63-	.99597800+00	81	-.35751273+04	.61478791+00
DS	64+	.99597800+00	18	.88884708+04	.34249771+00
DS	64-	.99597800+00	10	-.24074821+04	.63678664+00
DS	65+	.99597800+00	81	.29326576+02	.40649641+00
DS	65-	.99597800+00	18	-.40496896+02	.34359769+00
DS	66+	.99597800+00	53	.30925395+02	.51199383+00
DS	66-	.99597800+00	38	-.43219814+02	.67788427+00
DS	67+	.99597800+00	81	.29526531+02	.40649641+00
DS	67-	.99597800+00	18	-.38185220+02	.34359769+00
DS	68+	.99597800+00	81	.25385428+02	.41089632+00
DS	68-	.99597800+00	18	-.34375417+02	.34029776+00
DS	69+	.99597800+00	81	.25266229+02	.41089632+00
DS	69-	.99597800+00	18	-.36796183+02	.34029776+00
DS	70+	.99597800+00	84	.33767229+02	.36079739+00
DS	70-	.99597800+00	38	-.36138612+02	.67238459+00
DS	71+	.99597800+00	13	.77369561+04	.68198404+00
DS	71-	.99597800+00	84	-.90610294+04	.23539962+00
DS	72+	.99597800+00	13	.66977483+04	.68198404+00
DS	72-	.99597800+00	84	-.86080831+04	.23699962+00
DS	73+	.99597800+00	64	.91906865+02	.55539133+00
DS	73-	.99597800+00	46	-.51576878+02	.44869556+00
DS	74+	.99597800+00	32	.10284850+03	.24999959+00
DS	74-	.99597800+00	36	-.76998300+02	.31689823+00
DS	75+	.99597800+00	84	.21939402+02	.41359627+00
DS	75-	.99597800+00	77	-.23855838+02	.49119469+00
DS	76+	.99597800+00	64	.96256958+02	.55539133+00
DS	76-	.99597800+00	92	-.75875372+02	.57269033+00
DS	77+	.99597800+00	17	.44745295+02	.35619744+00
DS	77-	.99597800+00	64	-.43426276+02	.35199752+00
DS	78+	.99597800+00	64	.98347495+02	.55539133+00
DS	78-	.99597800+00	92	-.83282411+02	.57379027+00
DS	79+	.99597800+00	84	.53051164+02	.41969625+00
DS	79-	.99597800+00	81	-.37211159+02	.40708835+00
DS	80+	.99597800+00	32	.97419209+02	.24999959+00
DS	80-	.99597800+00	92	-.79855279+02	.57379027+00
DS	81+	.99597800+00	81	.14581123+03	.83697511+00
DS	81-	.99597800+00	90	-.15451313+03	.33259792+00
DS	82+	.99597800+00	81	.12187076+03	.83697511+00
DS	82-	.99597800+00	23	-.12795979+03	.31059836+00
DS	83+	.99597800+00	21	.17841784+02	.17329972+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
DS 83-	.99597800+00	27	-.15783589+02	.11284458+01
DS 84+	.99597800+00	81	.12469397+03	.83697511+00
DS 84-	.99597800+00	55	-.15570778+03	.17939971+00
DS 85+	.99597800+00	81	.14534050+03	.83697511+00
DS 85-	.99597800+00	40	-.16421213+03	.33259792+00
DS 86+	.99597800+00	67	.13400695+02	.25279954+00
DS 86-	.99597800+00	77	-.10524280+02	.78649522+00
DS 87+	.99597800+00	81	.12978892+03	.83697511+00
DS 87-	.99597800+00	55	-.19147829+03	.18049971+00
DS 88+	.99597800+00	73	.12122922+03	.53011002+00
DS 88-	.99597800+00	55	-.15631975+03	.17939971+00
DS 89+	.99597800+00	22	.13594098+02	.31989817+00
DS 89-	.99597800+00	10	-.13732070+02	.67233823+00
DS 90+	.99597800+00	81	.14871321+03	.83697511+00
DS 90-	.99597800+00	23	-.15505878+03	.31059836+00
DS 91+	.99597800+00	81	.13229486+03	.83697511+00
DS 91-	.99597800+00	55	-.18557525+03	.18049971+00
DS 92+	.99597800+00	77	.13500036+02	.78649522+00
DS 92-	.99597800+00	67	-.17187782+02	.25279954+00
DS 93+	.99597800+00	64	.49628968+02	.55539133+00
DS 93-	.99597800+00	66	-.44443690+02	.44649560+00
DS 94+	.99597800+00	64	.49540854+02	.55539133+00
DS 94-	.99597800+00	89	-.46598978+02	.66918477+00
DS 95+	.99597800+00	64	.44319926+02	.55539133+00
DS 95-	.99597800+00	81	-.38711796+02	.44169570+00
DS 96+	.99597800+00	47	.54720399+02	.61048815+00
DS 96-	.99597800+00	89	-.63961704+02	.68898363+00
DS 97+	.99597800+00	64	.45404497+02	.55539133+00
DS 97-	.99597800+00	81	-.38599100+02	.44279568+00
DS 98+	.99597800+00	79	.44339481+02	.52319318+00
DS 98-	.99597800+00	83	-.52367589+02	.36179732+00
DS 99+	.99597800+00	80	.46948537+02	.45354411+00
DS 99-	.99597800+00	66	-.41241737+02	.44539562+00
DS 100+	.99597800+00	80	.54705925+02	.45354411+00
DS 100-	.99597800+00	93	-.47289911+02	.31089836+00
DS 101+	.99597800+00	66	.43522069+02	.61918765+00
DS 101-	.99597800+00	18	-.46604263+02	.31059836+00
DS 102+	.99597800+00	61	.40232552+02	.58088986+00
DS 102-	.99597800+00	96	-.39067230+02	.30439849+00
DS 103+	.99597800+00	33	.51901199+02	.11019497+01
DS 103-	.99597800+00	8	-.43259259+02	.96959513+00
DS 104+	.99597800+00	33	.56770984+02	.11019497+01
DS 104-	.99597800+00	97	-.52356128+02	.92169610+00
DS 105+	.99597800+00	81	.21248710+02	.86997321+00
DS 105-	.99597800+00	23	-.18083859+02	.26089897+00
DS 106+	.99597800+00	46	.82530565+02	.31519827+00
DS 106-	.99597800+00	8	-.10222199+03	.23299942+00
DS 107+	.99597800+00	93	.57721611+02	.30699845+00
DS 107-	.99597800+00	82	-.35854407+02	.55169159+00
DS 108+	.99597800+00	46	.84801513+02	.31519827+00
DS 108-	.99597800+00	99	-.88569089+02	.42569602+00
DS 109+	.99597800+00	81	.46346721+02	.87107315+00
DS 109-	.99597800+00	73	-.54306181+02	.28319892+00
DS 110+	.99597800+00	18	.84798539+02	.35129759+00
DS 110-	.99597800+00	82	-.78761681+02	.55169159+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
DS 111+	.99597800+00	43	.43060316+02	.30429849+00
DS 111-	.99597800+00	78	-.44361819+02	.36959716+00
DS 112+	.99597800+00	46	.85725126+02	.31519827+00
DS 112-	.99597800+00	21	-.81811842+02	.25249954+00
DS 113+	.99597800+00	8	.17469930+03	.72518155+00
DS 113-	.99597800+00	64	-.13189231+03	.52789291+00
DS 114+	.99597800+00	8	.17693332+03	.72518155+00
DS 114-	.99597800+00	64	-.12233763+03	.52789291+00
DS 115+	.99597800+00	82	.14525913+02	.10297796+01
DS 115-	.99597800+00	92	-.18467887+02	.36279730+00
DS 116+	.99597800+00	8	.19628236+03	.72518155+00
DS 116-	.99597800+00	64	-.11600047+03	.52789291+00
DS 117+	.99597800+00	8	.17432693+03	.72518155+00
DS 117-	.99597800+00	64	-.13358069+03	.52789291+00
DS 118+	.99597800+00	16	.15103390+02	.30409849+00
DS 118-	.99597800+00	18	-.14127454+02	.49449462+00
DS 119+	.99597800+00	8	.19503946+03	.72518155+00
DS 119-	.99597800+00	64	-.12336472+03	.52679297+00
DS 120+	.99597800+00	8	.19961783+03	.72518155+00
DS 120-	.99597800+00	64	-.11333951+03	.52789291+00
DS 121+	.99597800+00	92	.14399161+02	.36279730+00
DS 121-	.99597800+00	82	-.11326208+02	.10297796+01
DS 122+	.99597800+00	54	.12609290+03	.63348683+00
DS 122-	.99597800+00	8	-.18579961+03	.31879820+00
DS 123+	.99597800+00	64	.12277726+03	.52789291+00
DS 123-	.99597800+00	8	-.19210508+03	.72518155+00
DS 124+	.99597800+00	18	.12323310+02	.49899479+00
DS 124-	.99597800+00	16	-.12730972+02	.30409849+00
DS 125+	.99597800+00	64	.37704980+02	.33659783+00
DS 125-	.99597800+00	95	-.26518908+02	.27279913+00
DS 126+	.99597800+00	75	.30147852+02	.28239899+00
DS 126-	.99597800+00	31	-.97617650+02	.10200631+01
DS 127+	.99597800+00	94	.35307137+02	.91219630+00
DS 127-	.99597800+00	86	-.26749562+02	.27819902+00
DS 128+	.99597800+00	8	.37520111+02	.23909962+00
DS 128-	.99597800+00	95	-.29748141+02	.27279913+00
DS 129+	.99597800+00	64	.38988370+02	.33989777+00
DS 129-	.99597800+00	95	-.28848760+02	.27279913+00
DS 130+	.99597800+00	31	.55886694+02	.92107027+00
DS 130-	.99597800+00	8	-.34756615+02	.69988301+00
DS 131+	.99597800+00	52	.81223066+09	.66984679+00
DS 131-	.99597800+00	13	-.88813594+09	.61268803+00
DS 132+	.99597800+00	52	.81898729+09	.66984679+00
DS 132-	.99597800+00	13	-.87635979+09	.59868803+00
DS 133+	.99597800+00	98	.32455539+09	.31979818+00
DS 133-	.99597800+00	8	-.83835289+09	.31599826+00
DS 134+	.99597800+00	35	.26781459+09	.26269939+00
DS 134-	.99597800+00	8	-.81640125+09	.29019878+00
DS 135+	.99597800+00	37	.88535033+09	.31999818+00
DS 135-	.99597800+00	86	-.30245783+09	.27019902+00
DS 136+	.99597800+00	90	.94247035+09	.97289506+00
DS 136-	.99597800+00	97	-.28917495+09	.58778946+00
DS 137+	.99597800+00	97	.72560403+02	.62918708+00
DS 137-	.99597800+00	86	-.70751527+02	.99909555+00
DS 138+	.99597800+00	28	.54713579+02	.63388681+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
DS 138-	.99597800+00	86	-.10596504+03	.52719295+00
DS 139+	.99597800+00	47	.65302406+02	.62918708+00
DS 139-	.99597800+00	86	-.73983502+02	.44909555+00
DS 140+	.99597800+00	47	.67285903+02	.62808714+00
DS 140-	.99597800+00	86	-.77482589+02	.44799557+00
DS 141+	.99597800+00	38	.48334261+02	.65148579+00
DS 141-	.99597800+00	64	-.50108251+02	.57849000+00
DS 142+	.99597800+00	38	.49846586+02	.65038586+00
DS 142-	.99597800+00	12	-.47728694+02	.68538384+00
DS 143+	.99597800+00	38	.48528478+02	.65148579+00
DS 143-	.99597800+00	64	-.49661989+02	.57849000+00
DS 144+	.99597800+00	86	.47901431+02	.54919168+00
DS 144-	.99597800+00	12	-.50625238+02	.68428390+00
DS 145+	.99597800+00	40	.46075103+02	.61148810+00
DS 145-	.99597800+00	86	-.45290816+02	.10748062+01
DS 146+	.99597800+00	38	.50379266+02	.64488617+00
DS 146-	.99597800+00	52	-.39625916+02	.69178635+00
DS 147+	.99597800+00	64	.88963476+02	.54769177+00
DS 147-	.99597800+00	24	-.76696247+02	.22039964+00
DS 148+	.99597800+00	64	.88382498+02	.54879171+00
DS 148-	.99597800+00	24	-.70007816+02	.22039964+00
DS 149+	.99597800+00	81	.88207891+02	.60488848+00
DS 149-	.99597800+00	84	-.78392776+02	.41579622+00
DS 150+	.99597800+00	31	.11849699+03	.77037895+00
DS 150-	.99597800+00	8	-.66140549+02	.28469889+00
DS 151+	.99597800+00	35	.21541527+04	.25939940+00
DS 151-	.99597800+00	8	-.66943066+04	.27149916+00
DS 152+	.99597800+00	65	.27907380+04	.61878768+00
DS 152-	.99597800+00	8	-.67782024+04	.27699905+00
DS 153+	.99597800+00	64	.27886521+04	.55539133+00
DS 153-	.99597800+00	52	-.67320802+04	.23959961+00
DS 154+	.99597800+00	10	.21111632+04	.62298746+00
DS 154-	.99597800+00	52	-.70946794+04	.23959961+00
DS 155+	.99597800+00	86	.16707780+03	.54259206+00
DS 155-	.99597800+00	54	-.14393897+03	.60928822+00
DS 156+	.99597800+00	60	.71664266+02	.23369962+00
DS 156-	.99597800+00	38	-.71640291+02	.65258573+00
DS 157+	.99597800+00	52	.13688582+03	.38659682+00
DS 157-	.99597800+00	64	-.20283398+03	.55699126+00
DS 158+	.99597800+00	64	.18315792+03	.55429139+00
DS 158-	.99597800+00	10	-.16485537+03	.69668807+00
DS 159+	.99597800+00	64	.89620510+02	.55539133+00
DS 159-	.99597800+00	73	-.67[illegible]	.[illegible]
DS 160+	.99597800+00	64	.14287392+03	.55429139+00
DS 160-	.99597800+00	10	-.16002567+03	.69558613+00
DS 161+	.99597800+00	73	.68975803+02	.87596636+00
DS 161-	.99597800+00	92	-.41862292+02	.55949109+00
DS 162+	.99597800+00	64	.13658995+03	.55429139+00
DS 162-	.99597800+00	10	-.17729269+03	.69668807+00
DS 163+	.99597800+00	69	.14594119+03	.92049613+00
DS 163-	.99597800+00	81	-.13907278+03	.58728949+00
DS 164+	.99597800+00	81	.17676283+03	.90517119+00
DS 164-	.99597800+00	31	-.13862921+03	.58818949+00
DS 165+	.99597800+00	62	.19863146+02	.26179935+00
DS 165-	.99597800+00	100	-.15462495+02	.30719843+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
DS 166+	.99597800+00	86	.16783952+03	.28369891+00
DS 166-	.99597800+00	63	-.15776991+03	.31929819+00
DS 167+	.99597800+00	81	.14352892+03	.58728949+00
DS 167-	.99597800+00	69	-.14585991+03	.42049613+00
DS 168+	.99597800+00	53	.10428317+02	.51309376+00
DS 168-	.99597800+00	18	-.14599397+02	.35459747+00
DS 169+	.99597800+00	86	.17096062+03	.28479889+00
DS 169-	.99597800+00	53	-.15026857+03	.50429427+00
DS 170+	.99597800+00	86	.17364427+03	.28369891+00
DS 170-	.99597800+00	63	-.16439916+03	.31929819+00
DS 171+	.99597800+00	100	.11975195+02	.30719843+00
DS 171-	.99597800+00	62	-.15543846+02	.26179935+00
DS 172+	.99597800+00	81	.18255225+03	.90517119+00
DS 172-	.99597800+00	31	-.14020934+03	.58818949+00
DS 173+	.99597800+00	81	.17014522+03	.90517119+00
DS 173-	.99597800+00	53	-.14648470+03	.50429427+00
DS 174+	.99597800+00	53	.13543078+02	.51309376+00
DS 174-	.99597800+00	18	-.18768709+02	.35459747+00
DS 175+	.99597800+00	80	.11507428+03	.43649950+00
DS 175-	.99597800+00	54	-.73700303+02	.55979107+00
DS 176+	.99597800+00	97	.10612245+03	.33059796+00
DS 176-	.99597800+00	21	-.15487682+03	.79748027+00
DS 177+	.99597800+00	86	.10321483+03	.53599249+00
DS 177-	.99597800+00	79	-.91306272+02	.53529248+00
DS 178+	.99597800+00	86	.10774065+03	.52389319+00
DS 178-	.99597800+00	79	-.92567634+02	.53749236+00
DS 179+	.99597800+00	86	.96957290+04	.54919168+00
DS 179-	.99597800+00	96	-.79766129+04	.48999472+00
DS 180+	.99597800+00	86	.96609455+04	.54919168+00
DS 180-	.99597800+00	96	-.83443894+04	.48999472+00
DS 181+	.99597800+00	78	.94641356+04	.52689297+00
DS 181-	.99597800+00	96	-.79882232+04	.48999472+00
DS 182+	.99597800+00	86	.94899305+04	.54919168+00
DS 182-	.99597800+00	96	-.88553173+04	.48889774+00
DS 183+	.99597800+00	76	.11567512+03	.37999696+00
DS 183-	.99597800+00	69	-.59616529+02	.63974942+00
DS 184+	.99597800+00	100	.12331323+03	.30939839+00
DS 184-	.99597800+00	21	-.14728401+03	.88167259+00
DS 185+	.99597800+00	69	.12914563+03	.55929139+00
DS 185-	.99597800+00	10	-.10463183+03	.69888599+00
DS 186+	.99597800+00	69	.13996235+03	.55319195+00
DS 186-	.99597800+00	81	-.10309453+03	.42519603+00
DS 187+	.99597800+00	79	.55717056+04	.52319318+00
DS 187-	.99597800+00	15	-.67724232+04	.35939737+00
DS 188+	.99597800+00	79	.59159279+04	.52319318+00
DS 188-	.99597800+00	15	-.71651177+04	.35939737+00
DS 189+	.99597800+00	79	.95885828+04	.52929312+00
DS 189-	.99597800+00	16	-.66323096+04	.29469960+00
DS 190+	.99597800+00	79	.65134487+04	.52929312+00
DS 190-	.99597800+00	15	-.73863756+04	.35939737+00
DS 191+	.99597800+00	86	.89249999+04	.53709238+00
DS 191-	.99597800+00	64	-.85966479+04	.57189038+00
DS 192+	.99597800+00	86	.92774730+04	.53709238+00
DS 192-	.99597800+00	64	-.89310952+04	.57079044+00
DS 193+	.99597800+00	64	.36728324+04	.55649126+00

TABLE 4.4 MAXIMUM VALUES OF INTERNAL DYNAMIC LOADS (CONTINUED)

LOAD TITLE	PROBABILITY	CASE	VALUE	TIME
DS 193-	.99597800+00	10	-.42913545+04	.64008645+00
DS 194+	.99597800+00	10	.44008690+04	.64118639+00
DS 194-	.99597800+00	64	-.32666075+04	.55649126+00
DS 195+	.99597800+00	79	.89824100+04	.58079343+00
DS 195-	.99597800+00	69	-.82601947+04	.38419687+00
DS 196+	.99597800+00	79	.86582938+04	.51879343+00
DS 196-	.99597800+00	69	-.80054786+04	.38419687+00
DS 197+	.99597800+00	96	.83021973+04	.47379505+00
DS 197-	.99597800+00	81	-.10306128+05	.43399805+00
DS 198+	.99597800+00	52	.72951946+04	.38989675+00
DS 198-	.99597800+00	64	-.12467091+05	.55539133+00
DS 199+	.99597800+00	72	.63511221+04	.23519962+00
DS 199-	.99597800+00	73	-.32613624+04	.53011002+00
DS 200+	.99597800+00	23	.63527180+04	.27649906+00
DS 200-	.99597800+00	10	-.31845794+04	.67453811+00
DS 201+	.99597800+00	81	.37852343+02	.43069592+00
DS 201-	.99597800+00	93	-.28020698+02	.28449889+00
DS 202+	.99597800+00	10	.34940760+02	.64448620+00
DS 202-	.99597800+00	21	-.64241628+02	.86957324+00
DS 203+	.99597800+00	81	.36879711+02	.43069592+00
DS 203-	.99597800+00	93	-.26110662+02	.28339802+00
DS 204+	.99597800+00	81	.32233648+02	.43949574+00
DS 204-	.99597800+00	81	-.32886868+02	.57739006+00
DS 205+	.99597800+00	81	.32933063+02	.43949574+00
DS 205-	.99597800+00	81	-.32915612+02	.57739006+00
DS 206+	.99597800+00	21	.64044918+02	.72436160+00
DS 206-	.99597800+00	81	-.38297843+02	.57739006+00
DS 207+	.99597800+00	20	.55185208+04	.80248861+00
DS 207-	.99597800+00	67	-.89957786+04	.14289978+00
DS 208+	.99597800+00	73	.53862817+04	.55196641+00
DS 208-	.99597800+00	5	-.90080996+04	.16619979+00
DS 209+	.99597800+00	28	.31454555+04	.10378607+01
DS 209-	.99597800+00	8	-.82338149+04	.47619500+00
DS 210+	.99597800+00	28	.38986296+04	.10323619+01
DS 210-	.99597800+00	70	-.78239429+04	.29739863+00
DS 211+	.99597800+00	81	.81626418+04	.40759639+00
DS 211-	.99597800+00	99	-.26970753+04	.69348625+00
DS 212+	.99597800+00	95	.80292518+04	.29809862+00
DS 212-	.99597800+00	53	-.31688894+04	.55489136+00